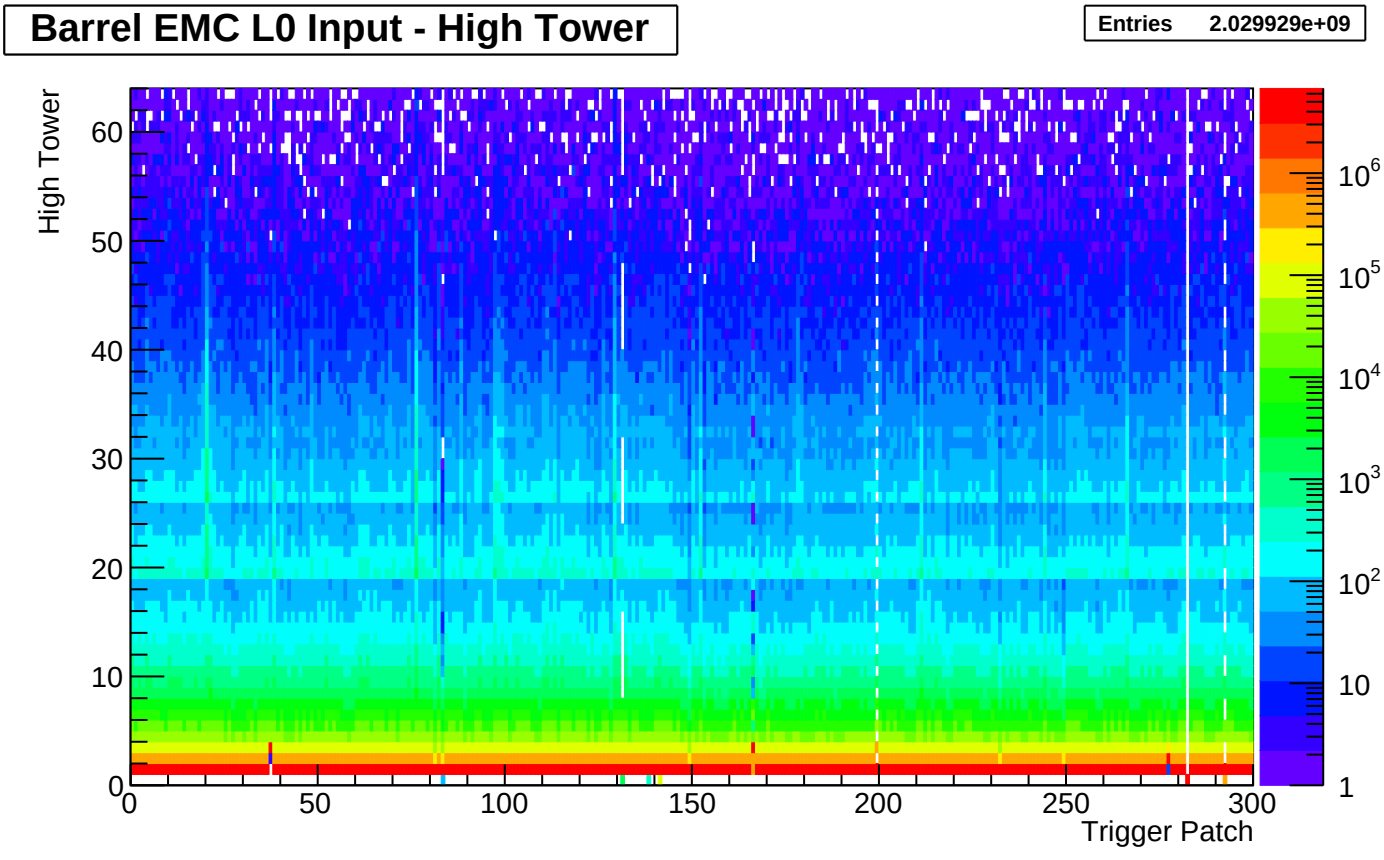
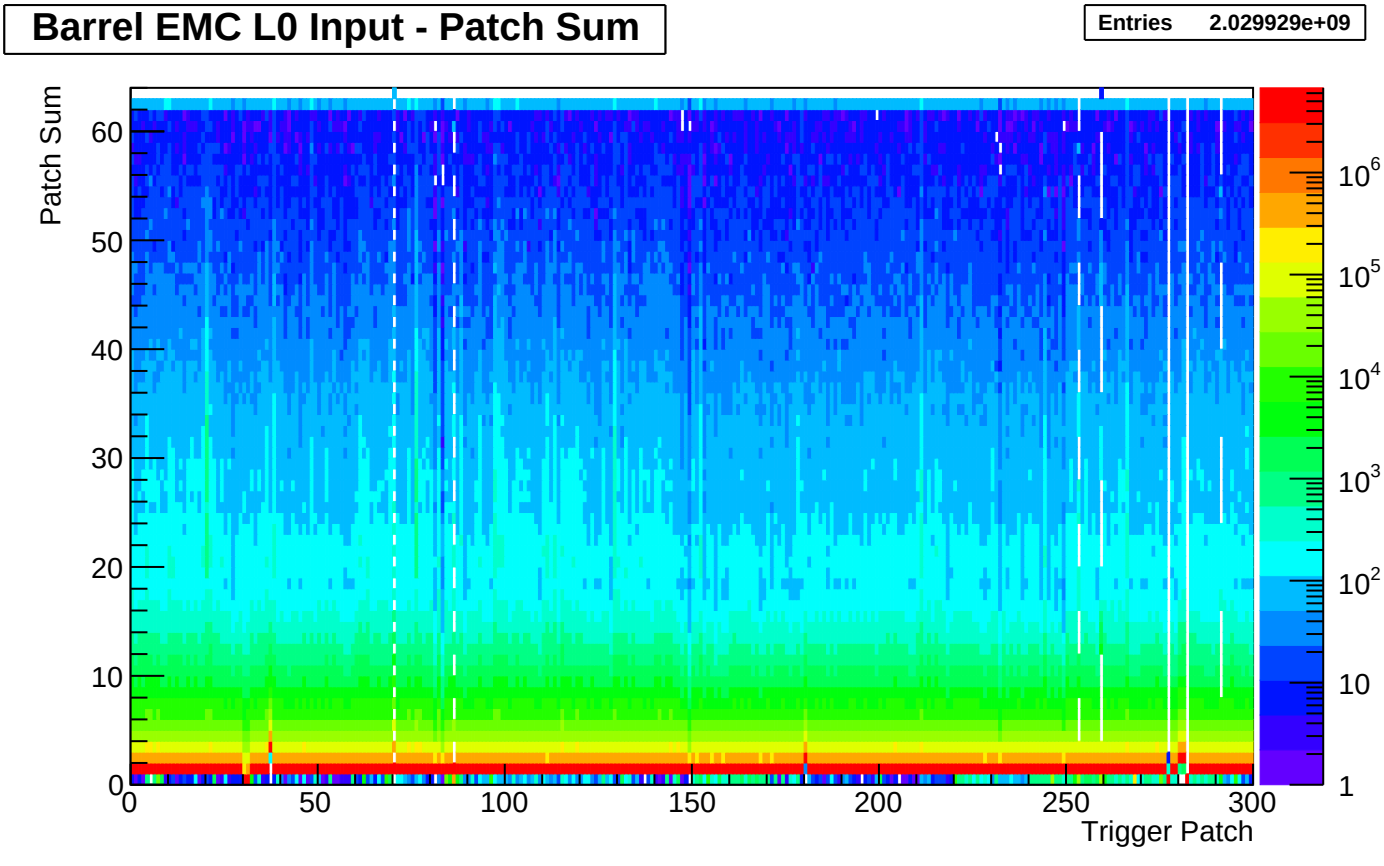
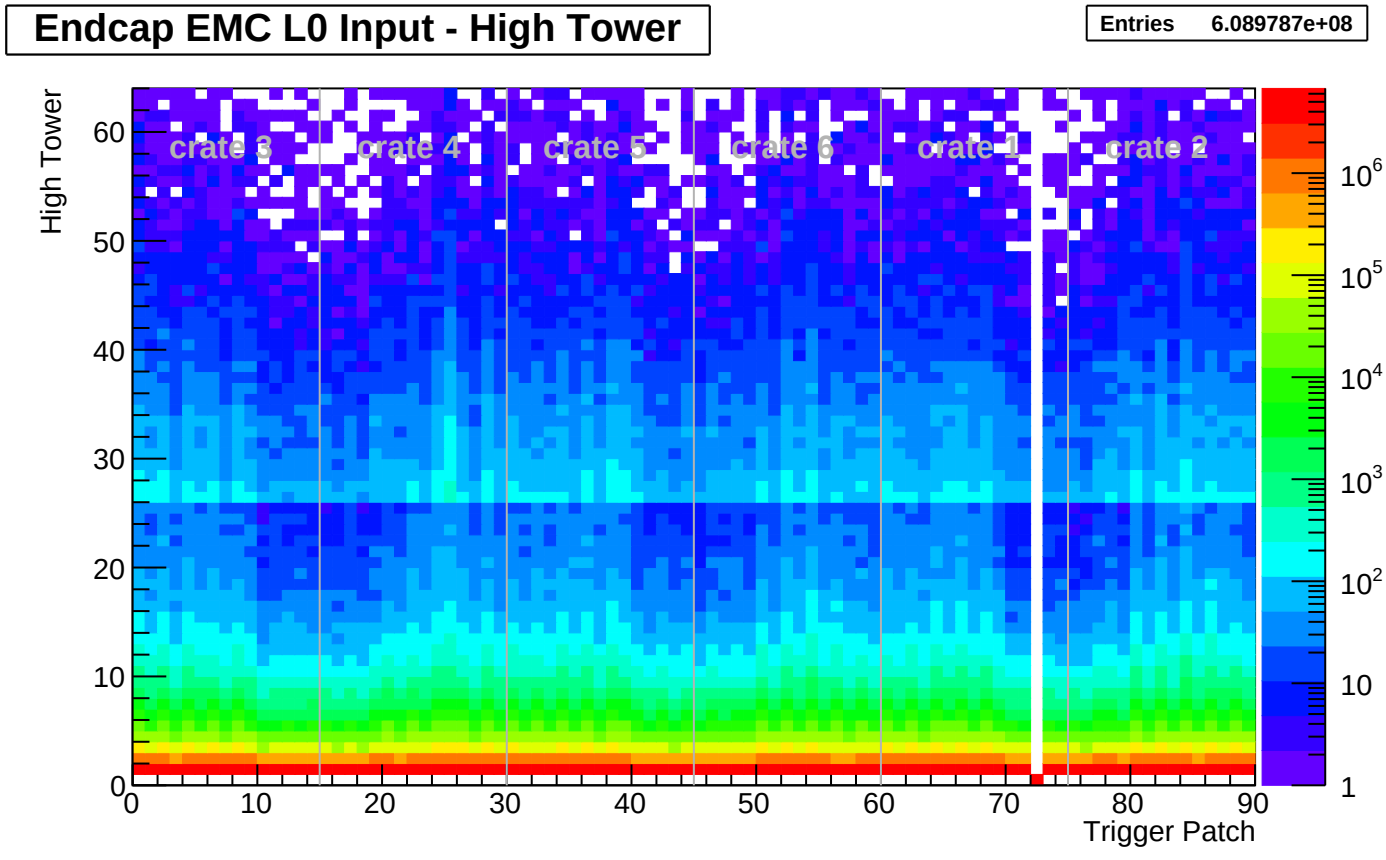
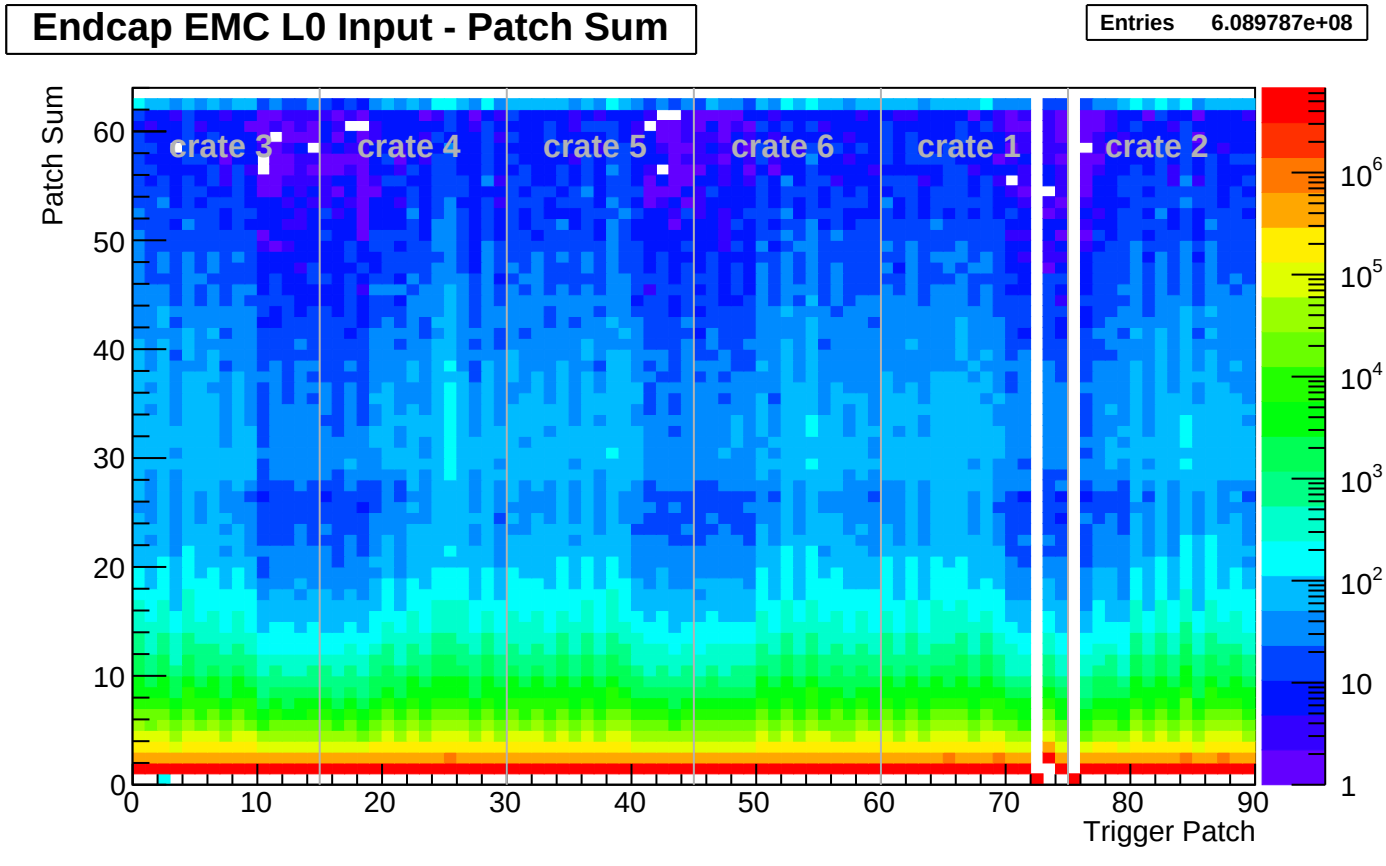
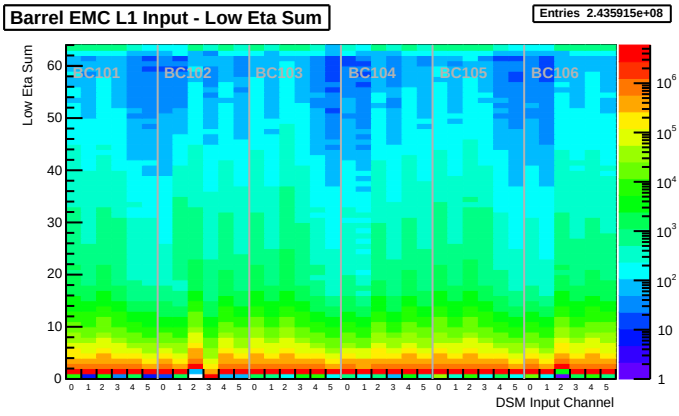
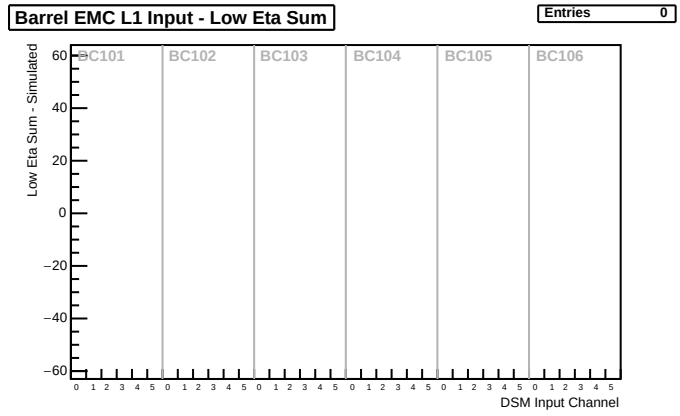

Barrel EMC L0 Input - High Tower
Entries 2.029929e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

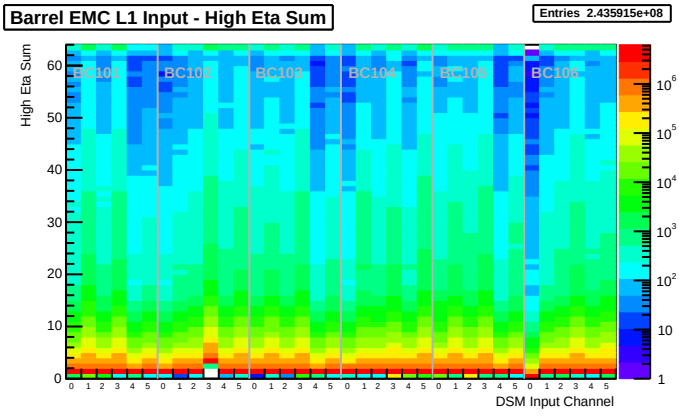

Barrel EMC L0 Input - Patch Sum
Entries 2.029929e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

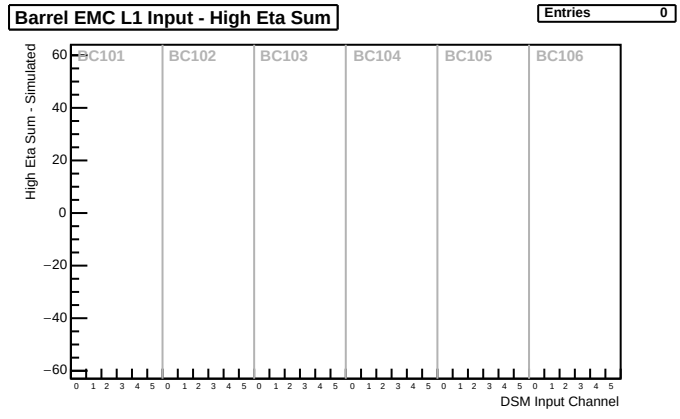

Endcap EMC L0 Input - High Tower
Entries 6.089787e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

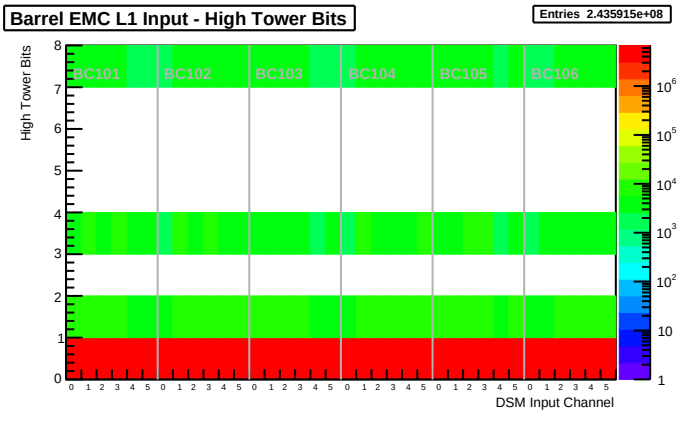

Endcap EMC L0 Input - Patch Sum
Entries 6.089787e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

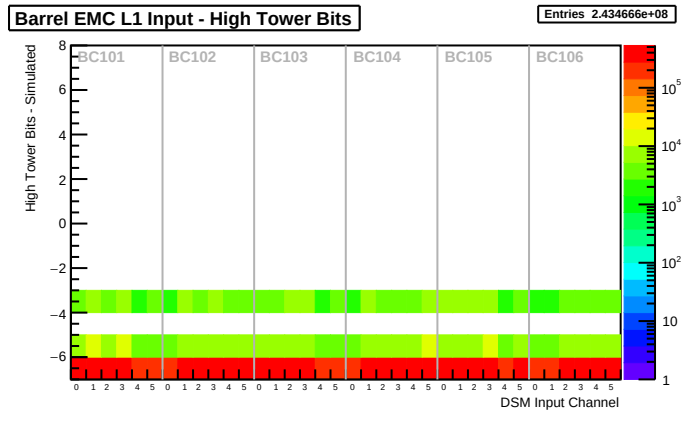

Barrel EMC L1 Input - Low Eta Sum
Entries 2.435915e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

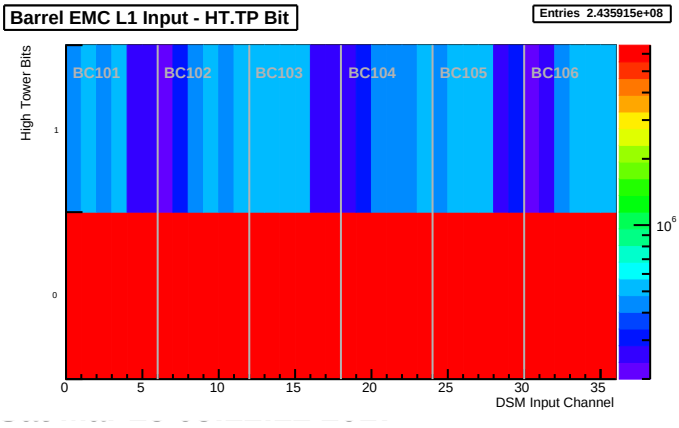

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

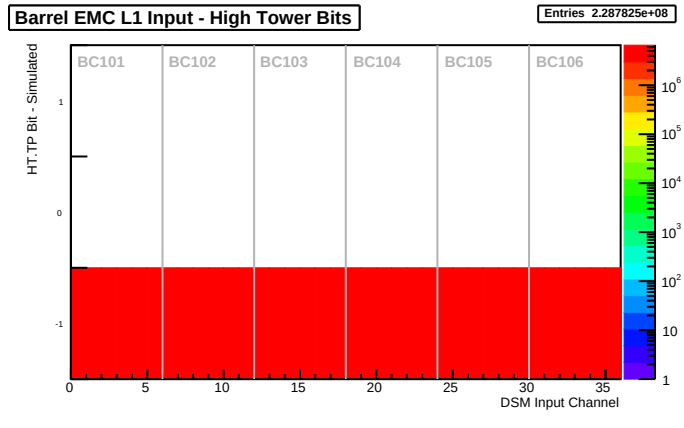

Barrel EMC L1 Input - High Eta Sum
Entries 2.435915e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

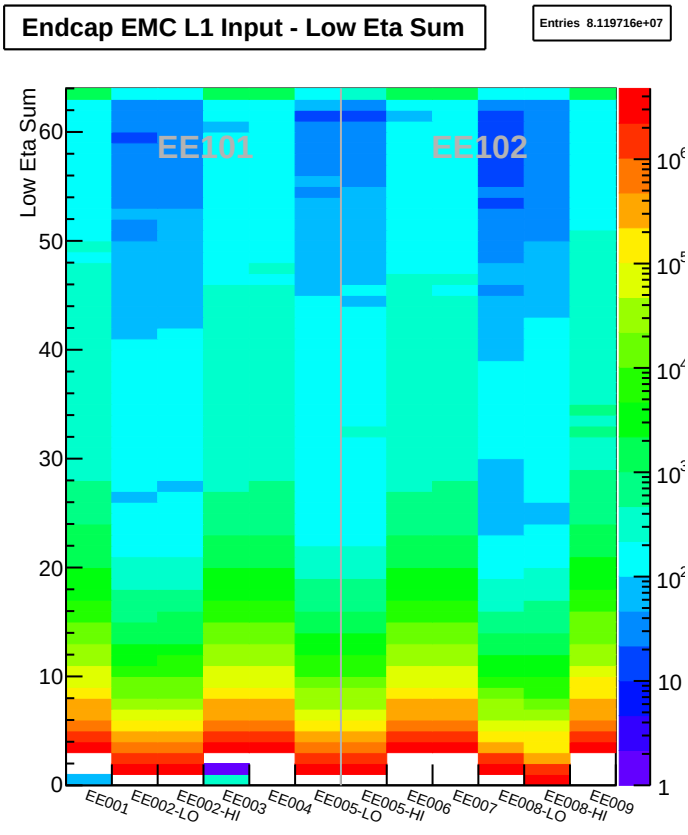

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

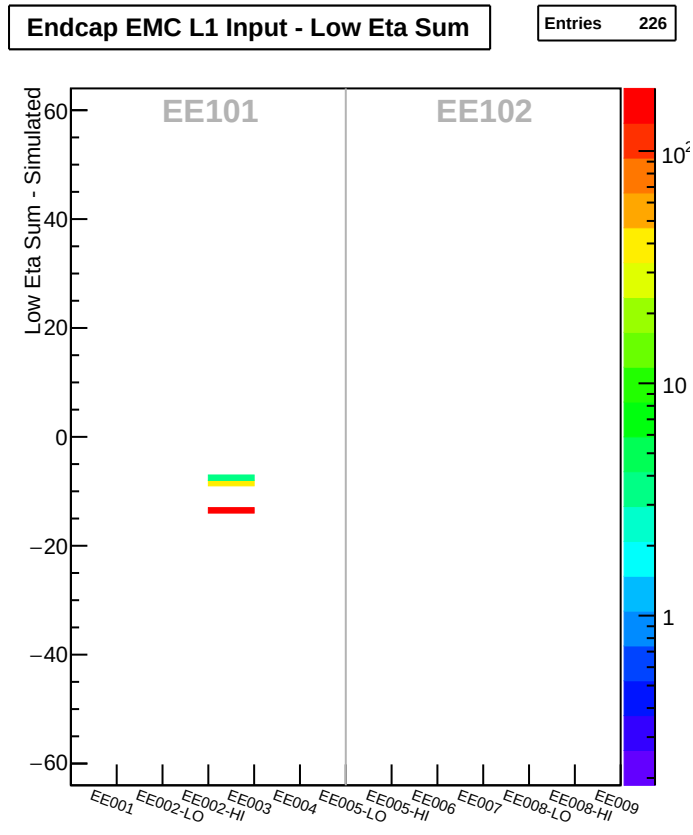

Barrel EMC L1 Input - High Tower Bits
Entries 2.435915e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

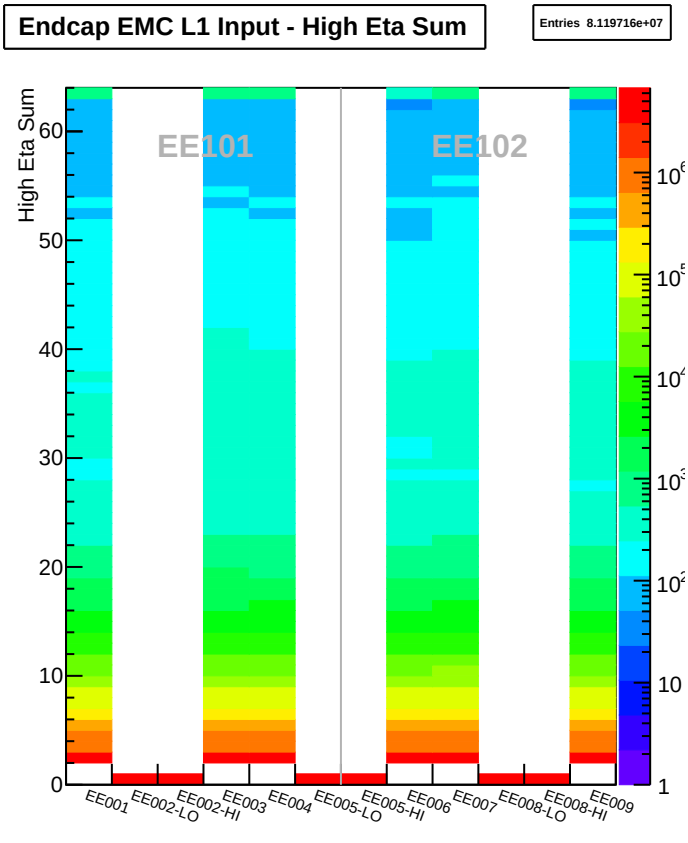

Barrel EMC L1 Input - High Tower Bits
Entries 2.434666e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

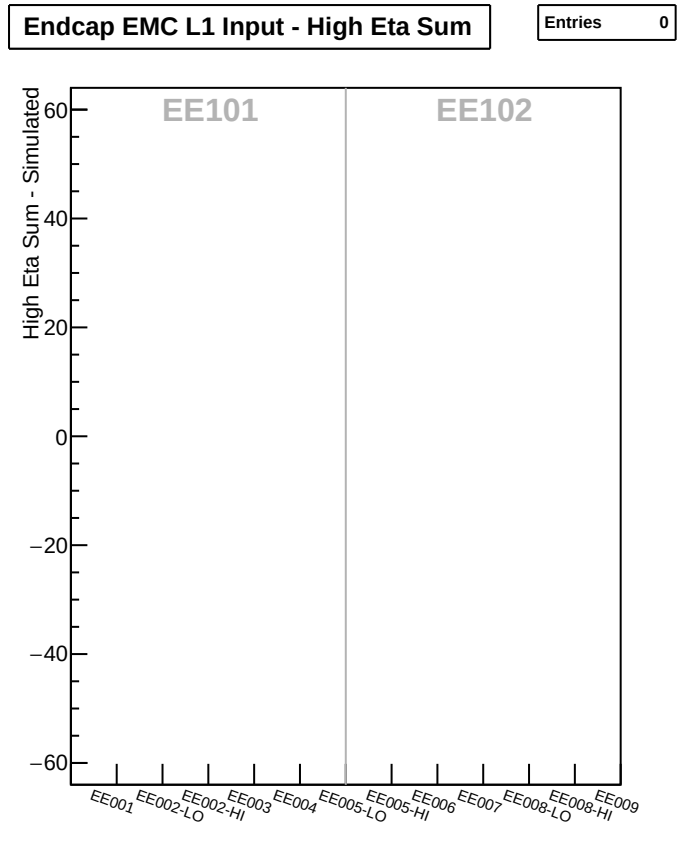

Barrel EMC L1 Input - HT.TP Bit
Entries 2.435915e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

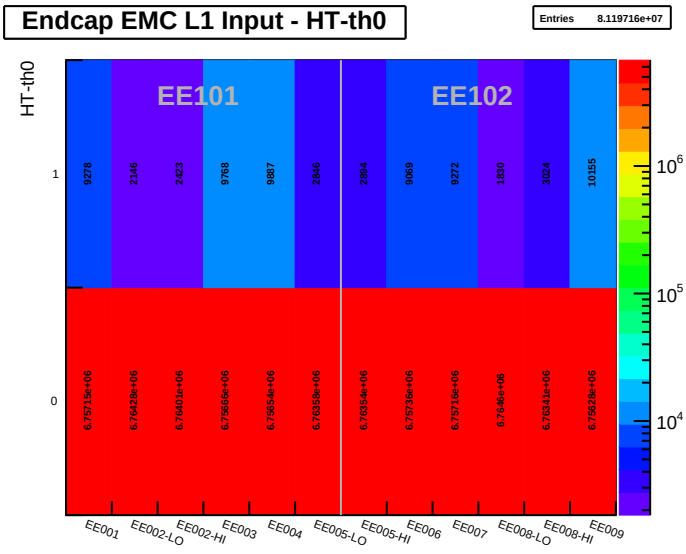

Barrel EMC L1 Input - High Tower Bits
Entries 2.287825e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

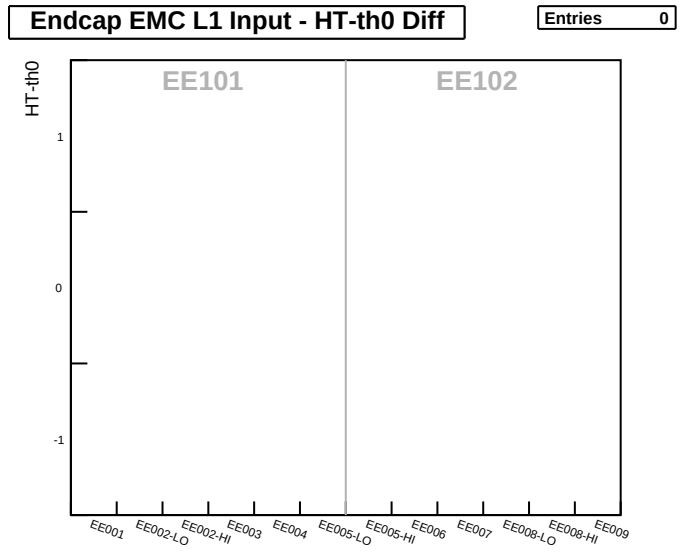

Endcap EMC L1 Input - Low Eta Sum
Entries 8.119716e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

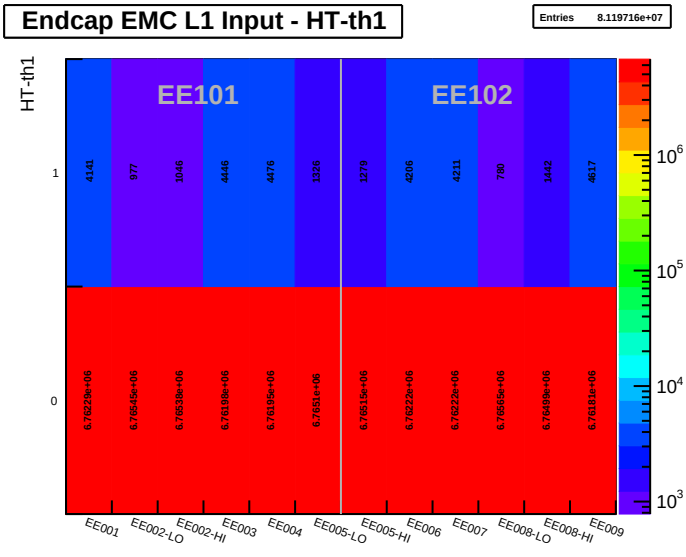

Endcap EMC L1 Input - Low Eta Sum
Entries 226
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

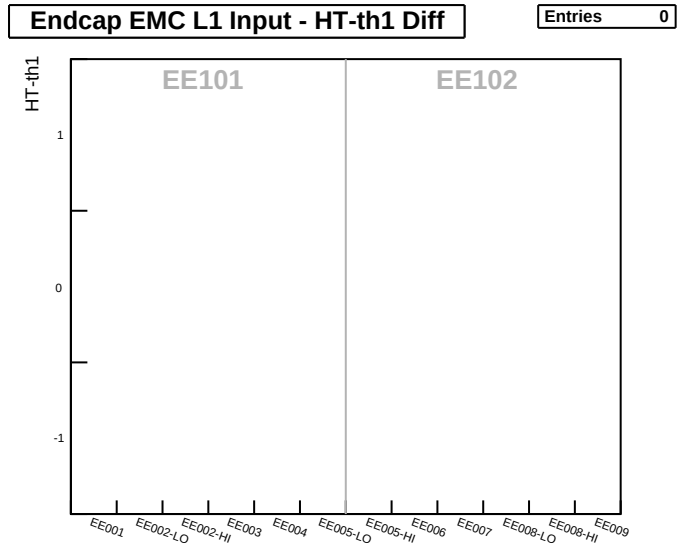

Endcap EMC L1 Input - High Eta Sum
Entries 8.119716e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

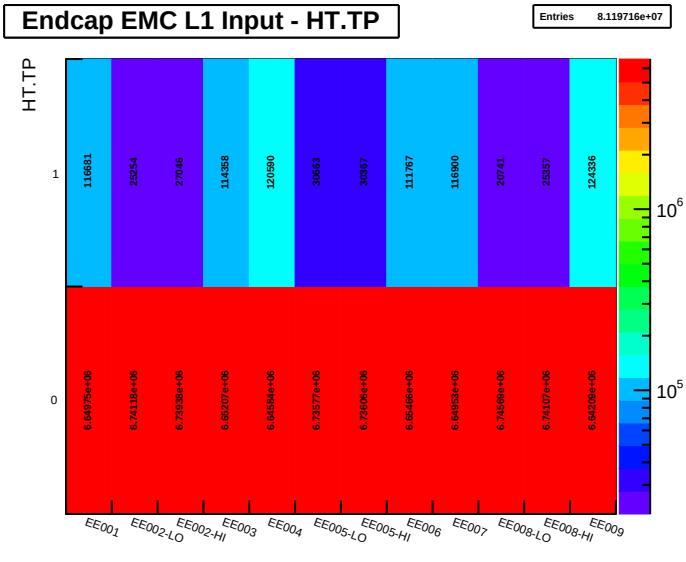

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

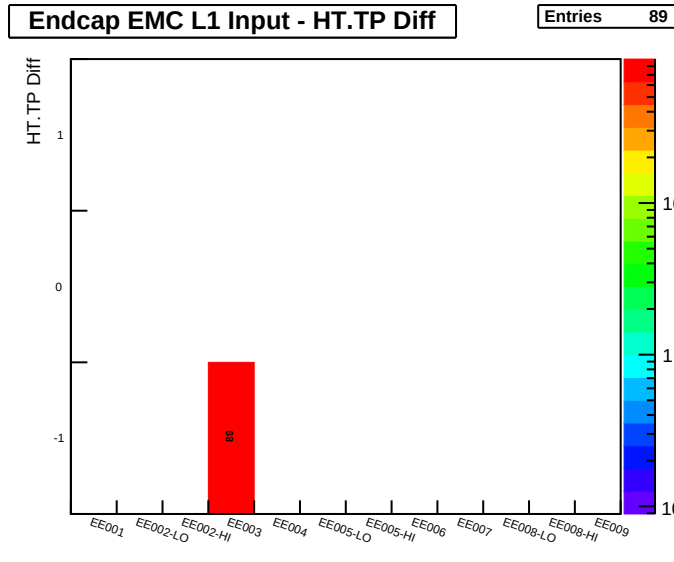

Endcap EMC L1 Input - HT-th0
Entries 8.119716e+07
HT-th0
EE101
EE102
1
0
9278
2146
2423
9768
9887
2846
2884
9069
9272
1830
3024
10155
6.75715e+06
6.76429e+06
6.76401e+06
6.75666e+06
6.75654e+06
6.76358e+06
6.76354e+06
6.75736e+06
6.75716e+06
6.76546e+06
6.76341e+06
6.75628e+06
10^6
10^5
10^4
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

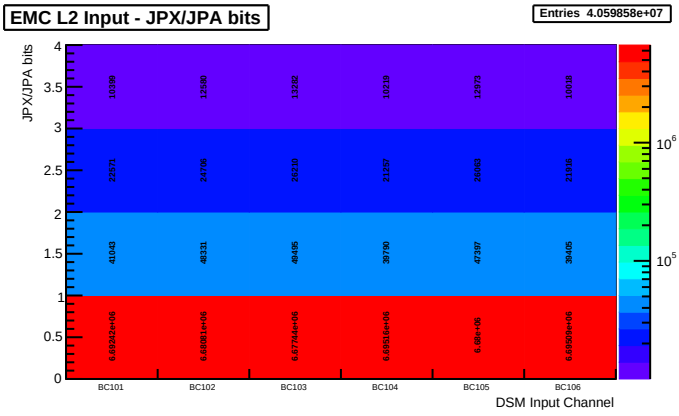

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

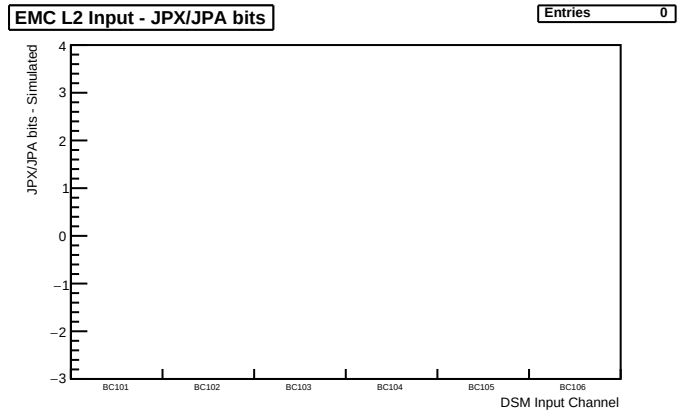

Endcap EMC L1 Input - HT-th1
Entries 8.119716e+07
HT-th1
EE101
EE102
1
0
4141
977
1046
4446
4476
1326
1279
4206
4211
780
1442
4617
6.76229e+06
6.76545e+06
6.76538e+06
6.76198e+06
6.76195e+06
6.76651e+06
6.76615e+06
6.76222e+06
6.76222e+06
6.76665e+06
6.76499e+06
6.76181e+06
10^6
10^5
10^4
10^3
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

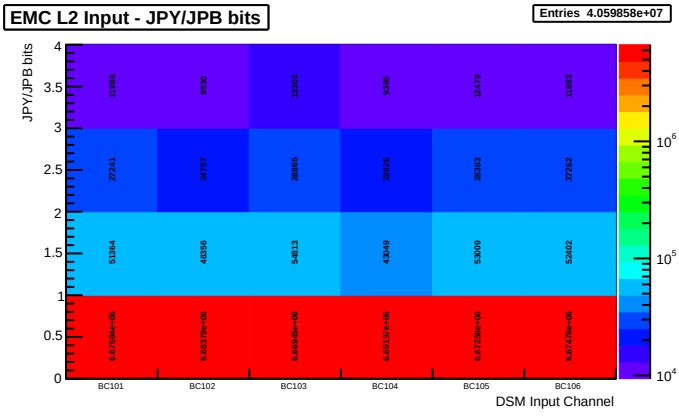

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

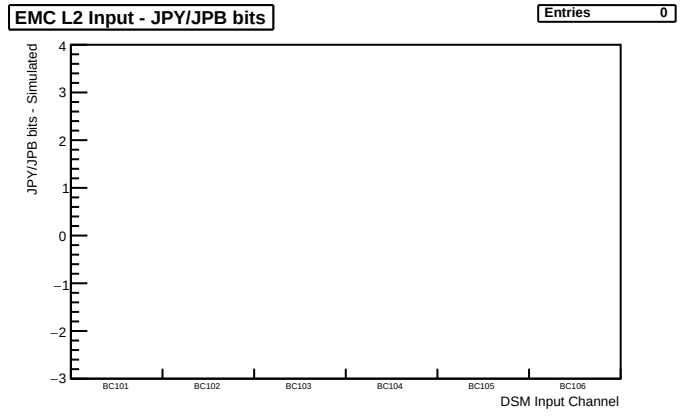

Endcap EMC L1 Input - HT.TP
Entries 8.119716e+07
HT.TP
1
0
116681
25254
27046
114358
120590
30663
30667
111767
116900
20741
25357
124336
6.64975e+06
6.74118e+06
6.73938e+06
6.65207e+06
6.64584e+06
6.73577e+06
6.73606e+06
6.65466e+06
6.64953e+06
6.74560e+06
6.74107e+06
6.64209e+06
10^6
10^5
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

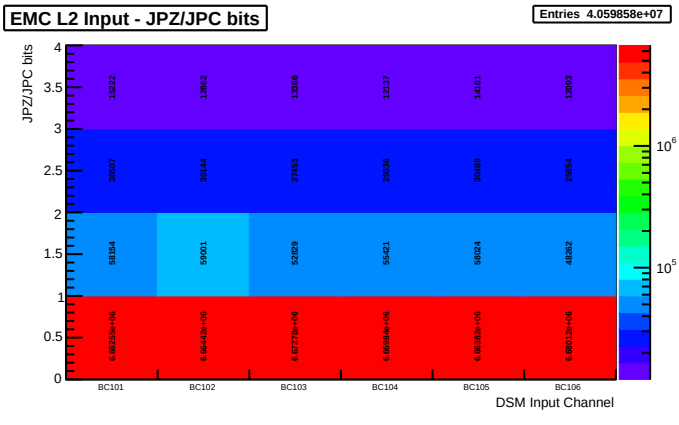

Endcap EMC L1 Input - HT.TP Diff
Entries 89
HT.TP Diff
1
0
-1
89
10
1
10^{-1}
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

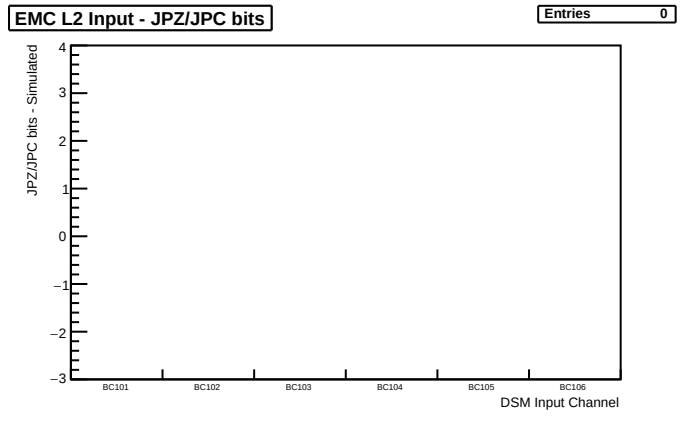

EMC L2 Input - JPX/JPA bits
Entries 4.059858e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10339
12590
13222
10219
12373
10018
22571
24706
26210
21257
26063
21916
41043
48331
49495
39790
47397
39405
6.69242e+06
6.69081e+06
6.67744e+06
6.69516e+06
6.68e+06
6.68930e+06

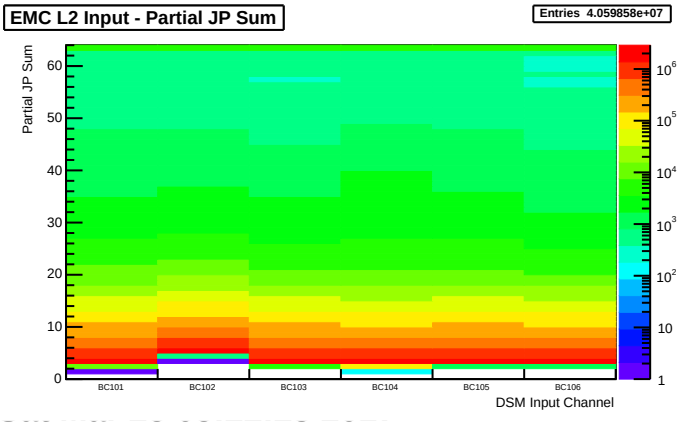

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

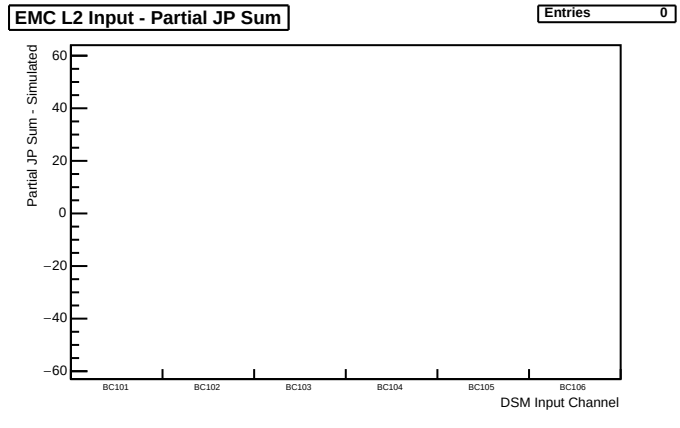

EMC L2 Input - JPY/JPB bits
Entries 4.059858e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11988
9530
13302
9385
12479
11983
27241
24757
28865
25526
28363
27262
51364
48356
54813
43949
53009
52402
6.67584e+06
6.68379e+06
6.66945e+06
6.69137e+06
6.67298e+06
6.67478e+06

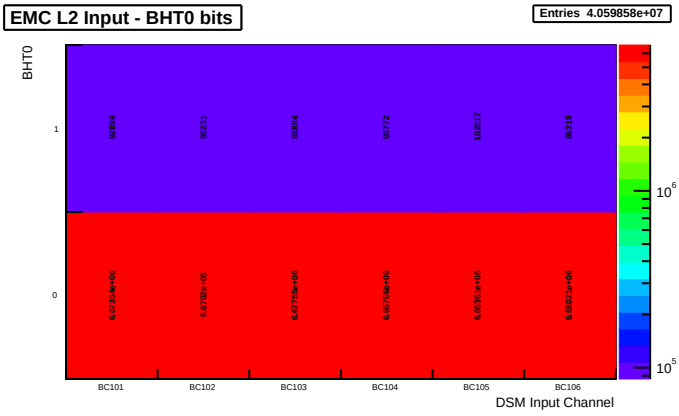

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

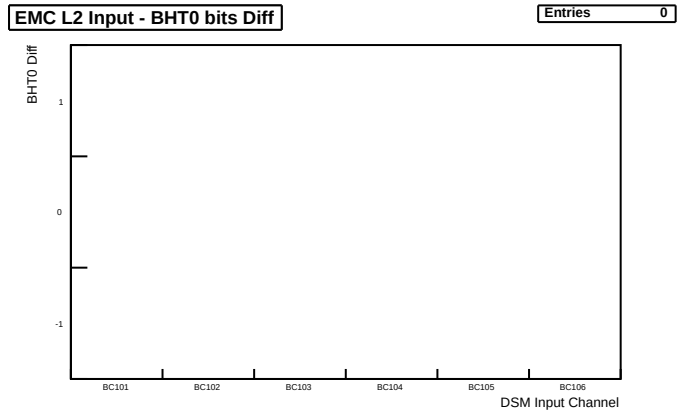

EMC L2 Input - JPZ/JPC bits
Entries 4.059858e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15222
12962
13366
12137
14101
12693
30597
30144
27453
29935
30489
29954
58154
59001
52829
55421
58024
48262
6.66255e+06
6.66442e+06
6.67278e+06
6.66934e+06
6.66392e+06
6.68012e+06

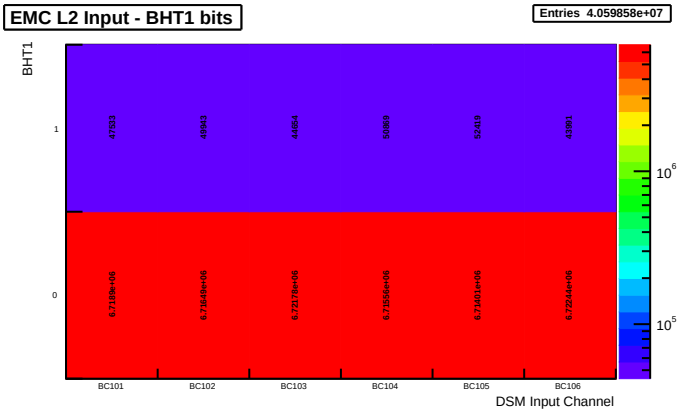

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

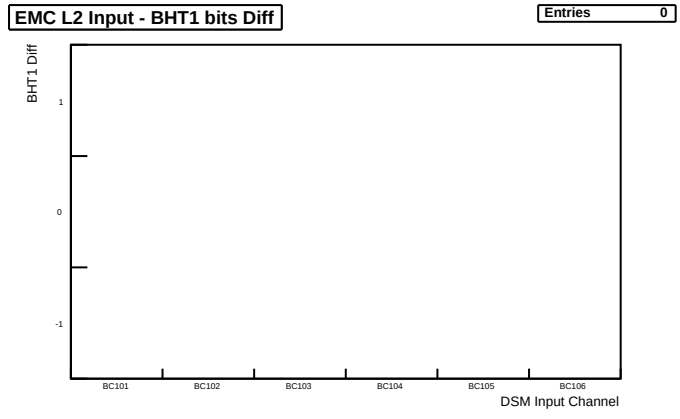

EMC L2 Input - Partial JP Sum
Entries 4.059858e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

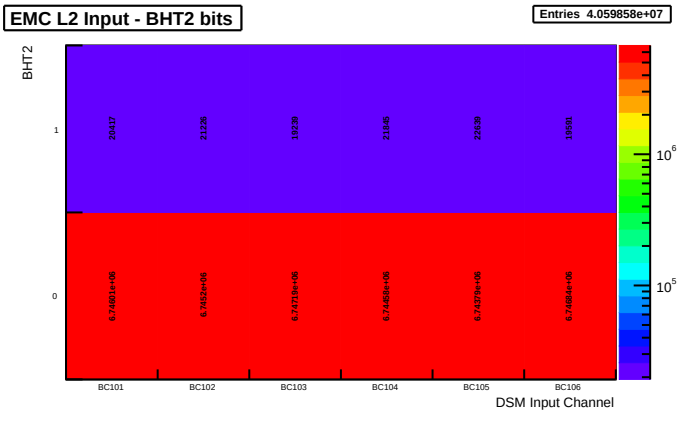

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

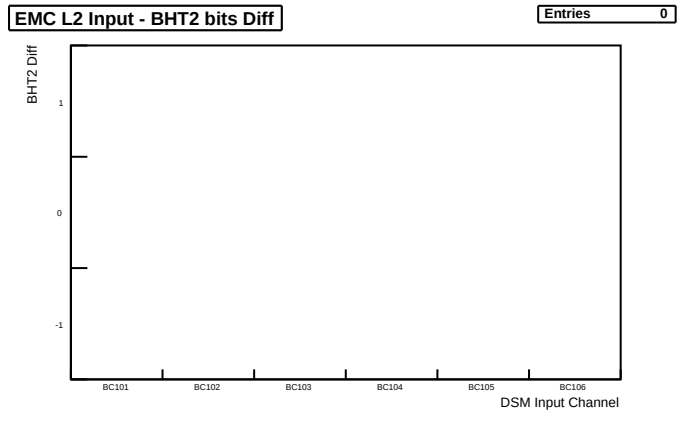

EMC L2 Input - BHT0 bits
Entries 4.059858e+07
BHT0
1
0
92934
99231
88934
99772
102317
85219
6.67354e+06
6.67082e+06
6.67759e+06
6.67676e+06
6.66361e+06
6.68021e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

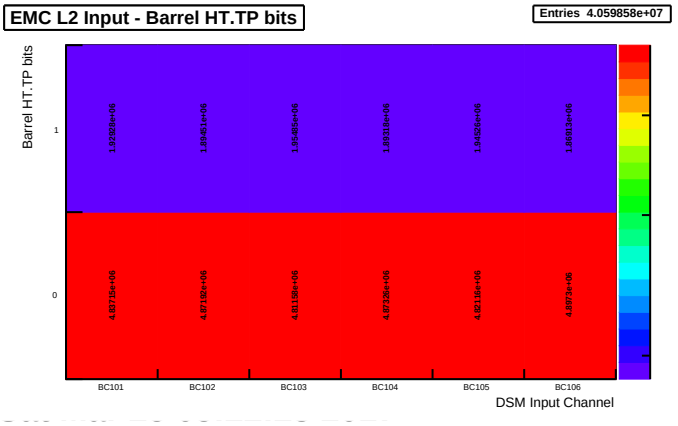

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

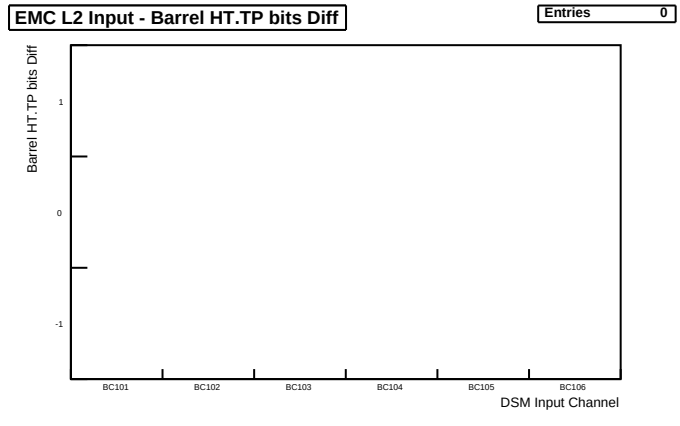

EMC L2 Input - BHT1 bits
Entries 4.059858e+07
BHT1
1
0
47533
49943
44654
50869
52419
43991
6.71198e+06
6.71549e+06
6.72178e+06
6.71556e+06
6.71401e+06
6.72244e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

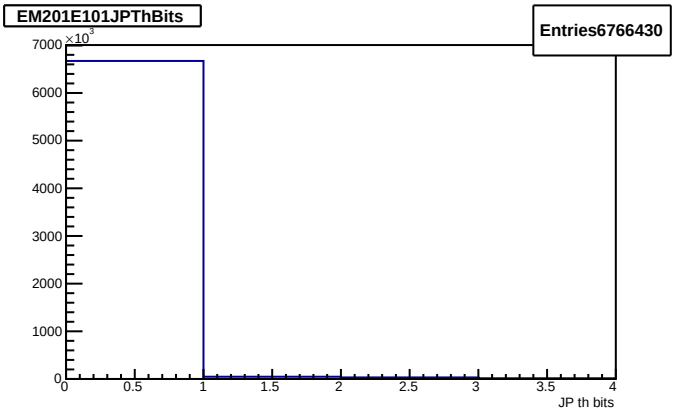

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

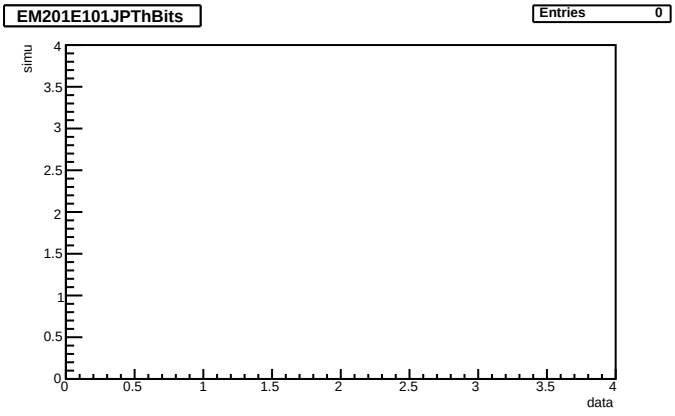

EMC L2 Input - BHT2 bits
Entries 4.059858e+07
BHT2
1
0
20417
21226
19239
21845
22539
19501
6.74601e+06
6.7452e+06
6.74719e+06
6.74458e+06
6.74379e+06
6.74684e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

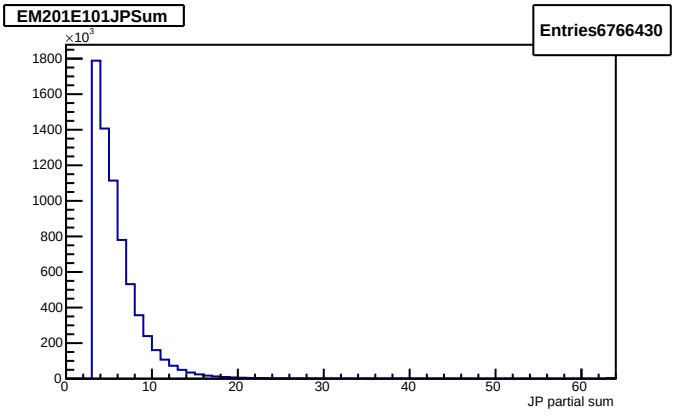

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

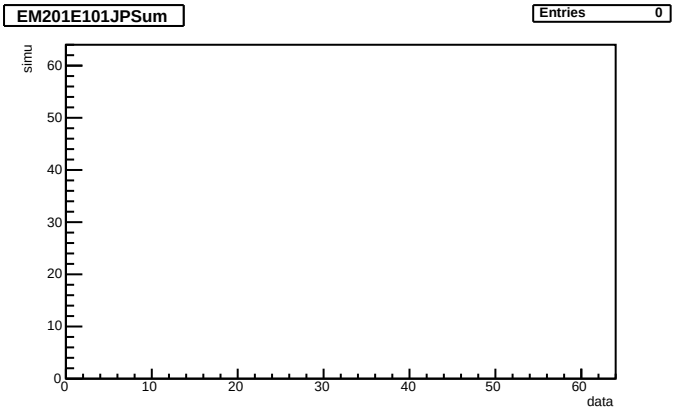

EMC L2 Input - Barrel HT.TP bits
Entries 4.059858e+07
Barrel HT.TP bits
1
0
1.92828e+06
1.93951e+06
1.95465e+06
1.93318e+06
1.94526e+06
1.8693e+06
4.83735e+06
4.87192e+06
4.81158e+06
4.87328e+06
4.82119e+06
4.8973e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

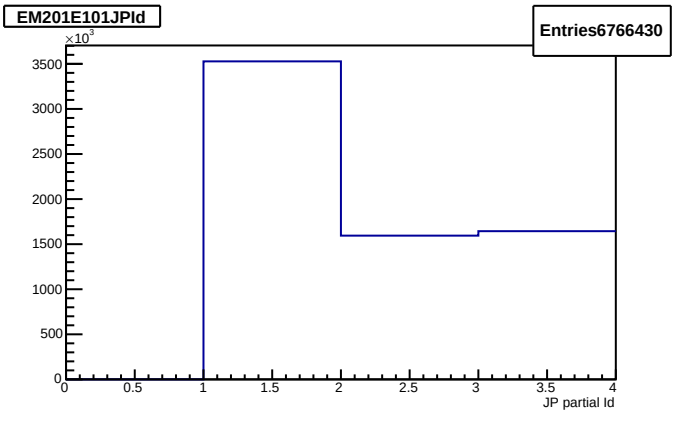

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

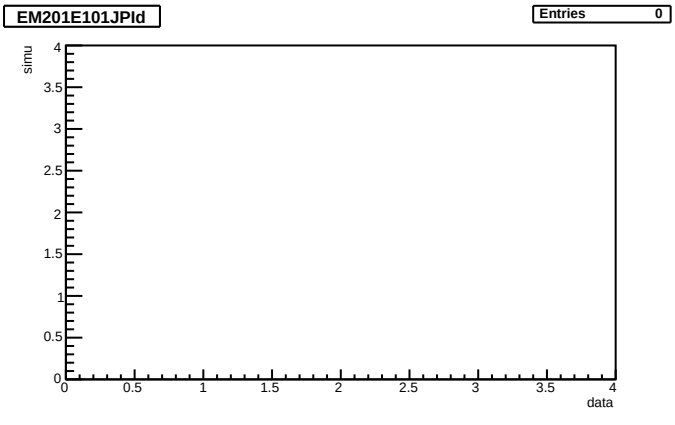

EM201E101JPThBits
Entries6766430
JP th bits

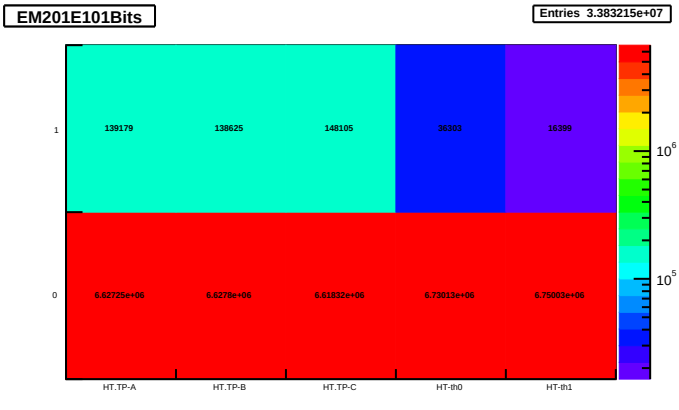

EM201E101JPThBits
Entries 0
simu
data

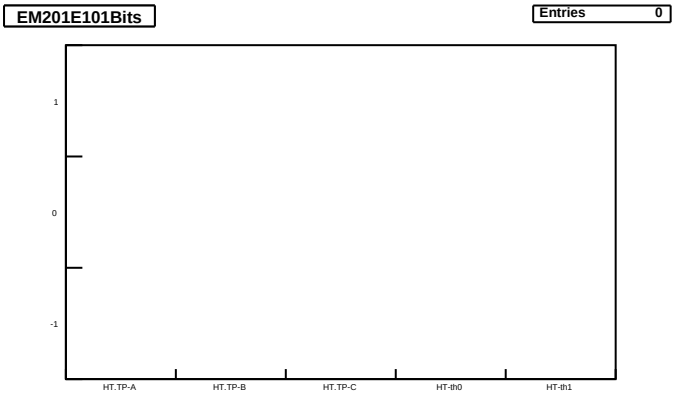

EM201E101JPSum
Entries6766430
JP partial sum

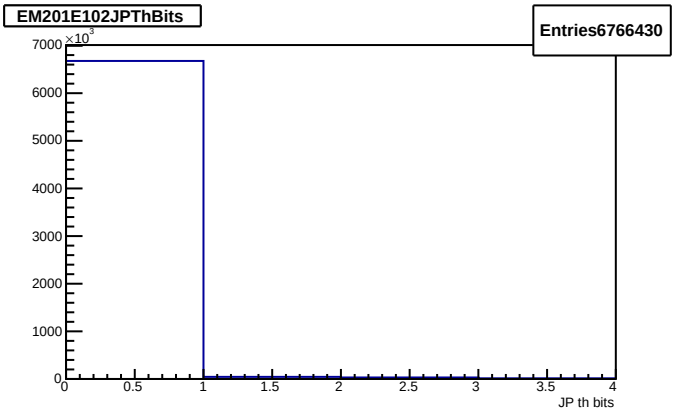

EM201E101JPSum
Entries 0
simu
data

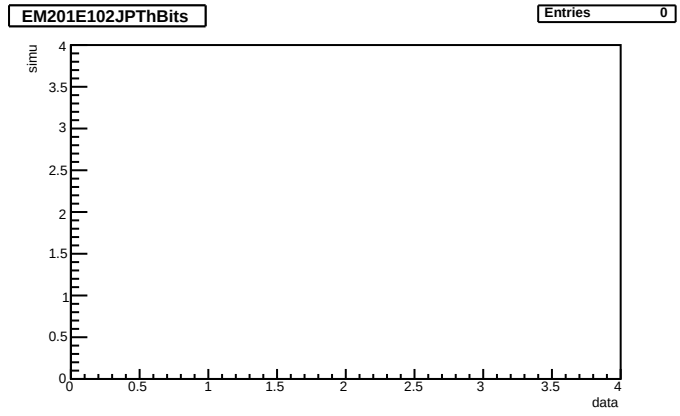

EM201E101JPId
Entries6766430
JP partial Id

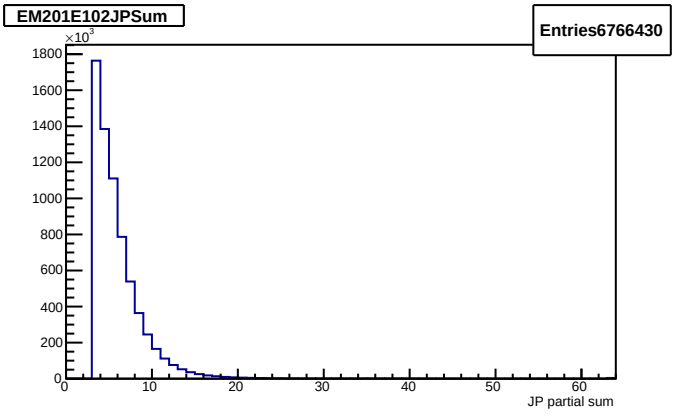

EM201E101JPId
Entries 0
simu
data

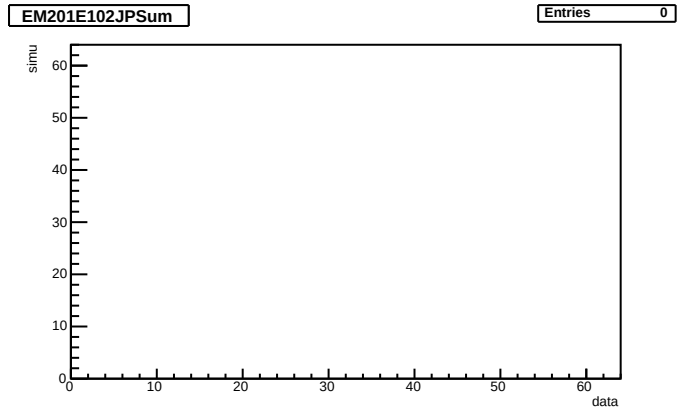

EM201E101Bits
Entries 3.383215e+07
139179
138625
148105
36303
16399
6.62725e+06
6.6278e+06
6.61832e+06
6.73013e+06
6.75003e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

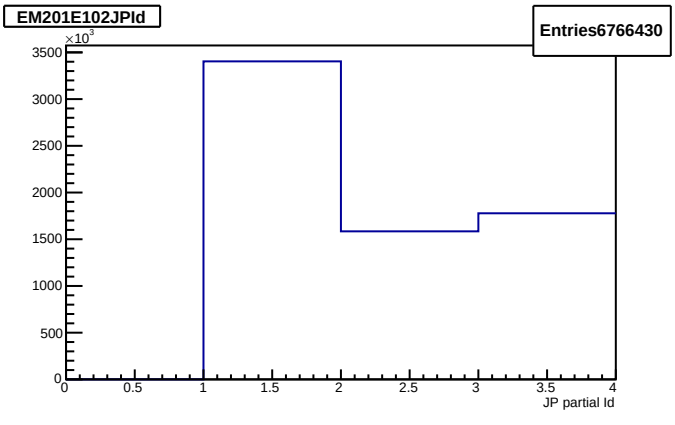

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

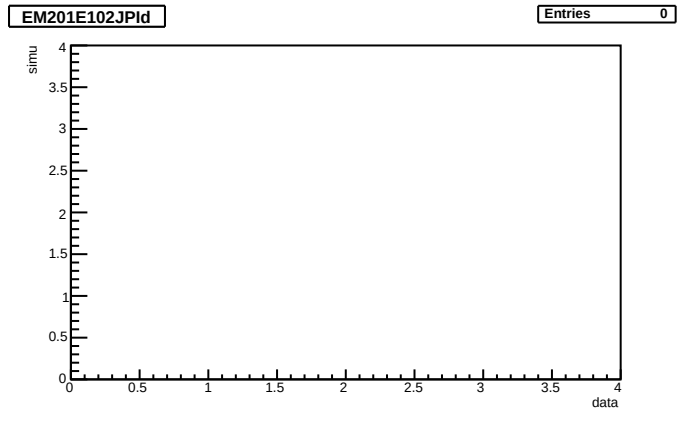

EM201E102JPThBits
Entries6766430
JP th bits

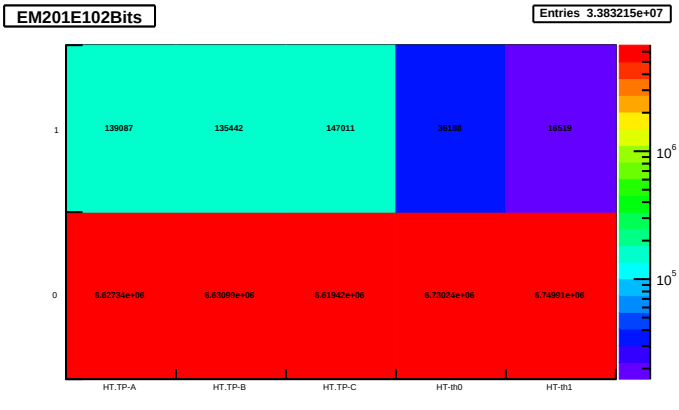

EM201E102JPThBits
Entries 0
simu
data

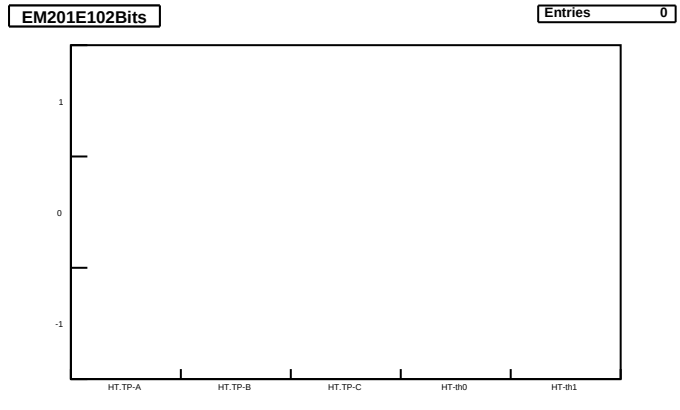

EM201E102JPSum
Entries6766430
JP partial sum

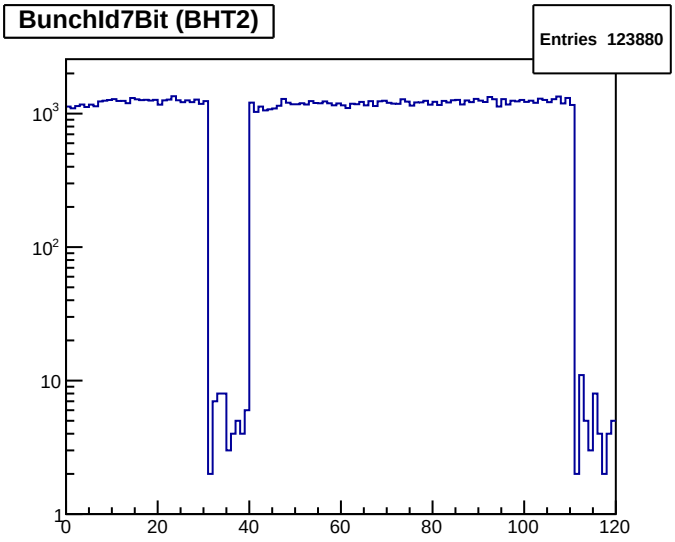

EM201E102JPSum
Entries 0
simu
data

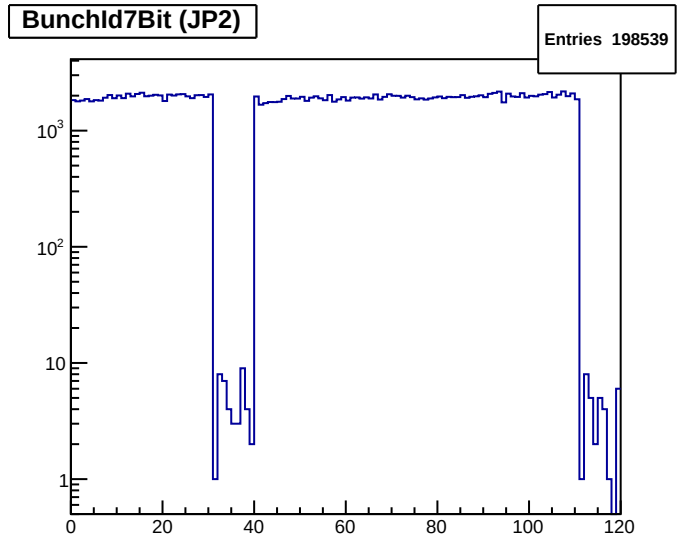

EM201E102JPId
Entries6766430
JP partial Id

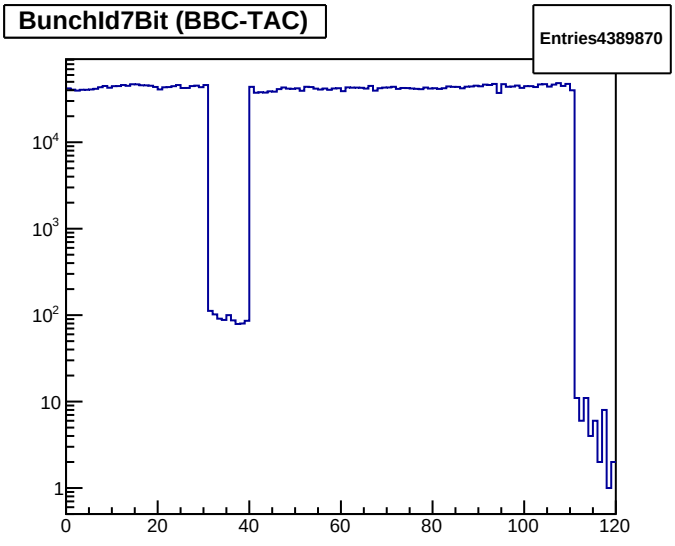

EM201E102JPId
Entries 0
simu
data

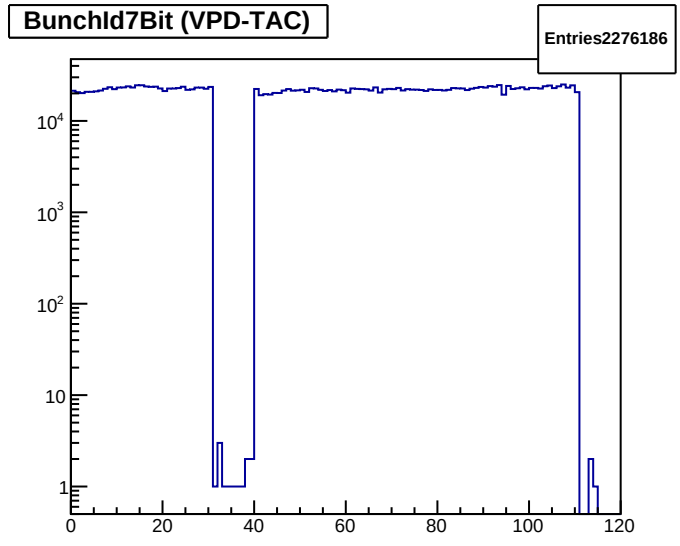

EM201E102Bits
Entries 3.383215e+07
139087
135442
147011
36188
16519
6.62734e+06
6.63099e+06
6.61942e+06
6.73024e+06
6.74991e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

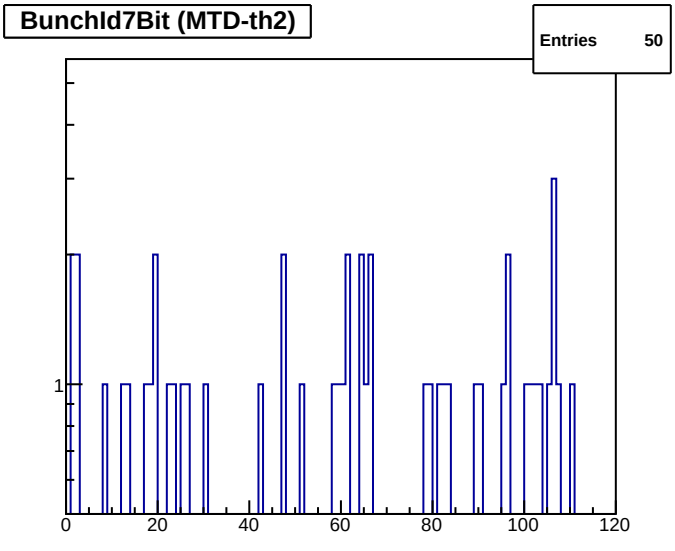

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

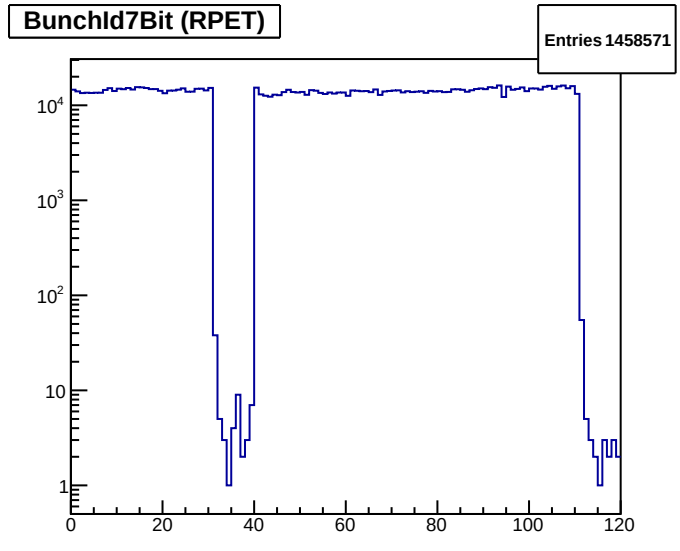

BunchId7Bit (BHT2)
Entries 123880

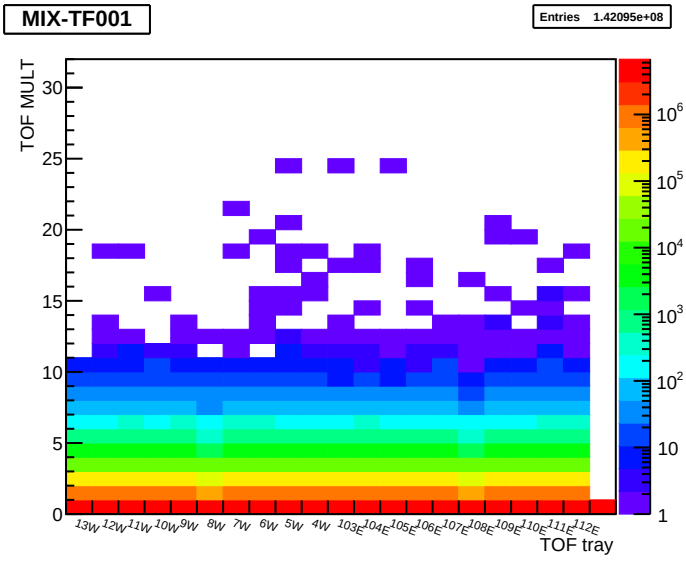

BunchId7Bit (JP2)
Entries 198539

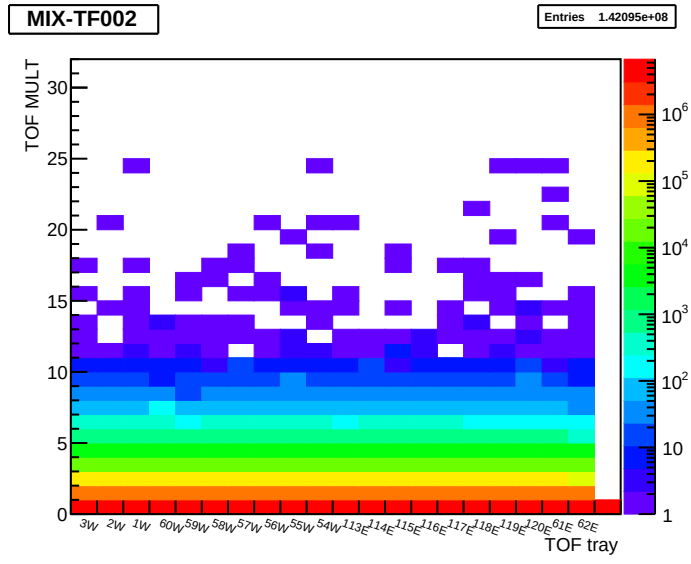

BunchId7Bit (BBC-TAC)
Entries4389870

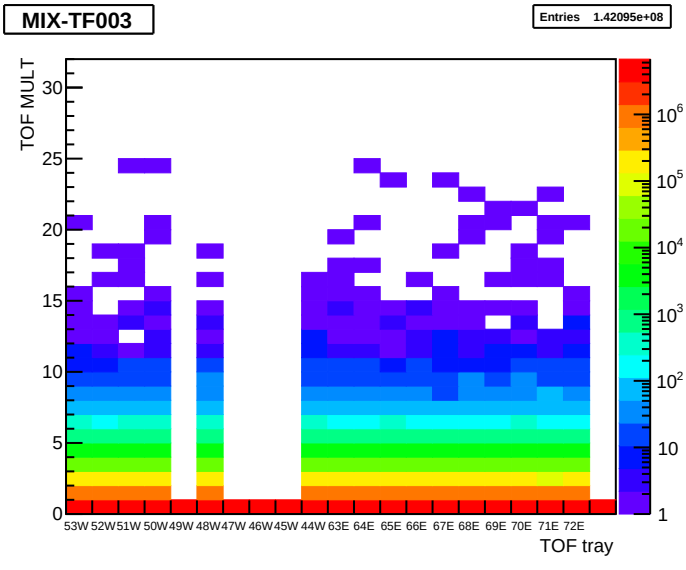

BunchId7Bit (VPD-TAC)
Entries2276186

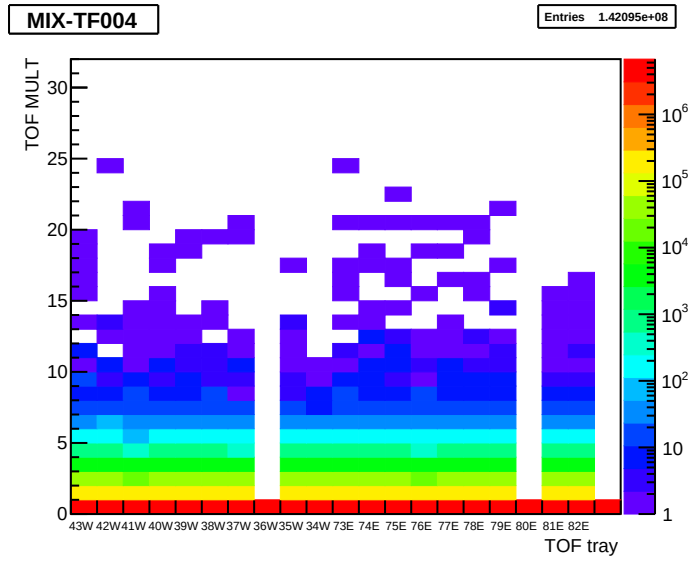

BunchId7Bit (MTD-th2)
Entries 50

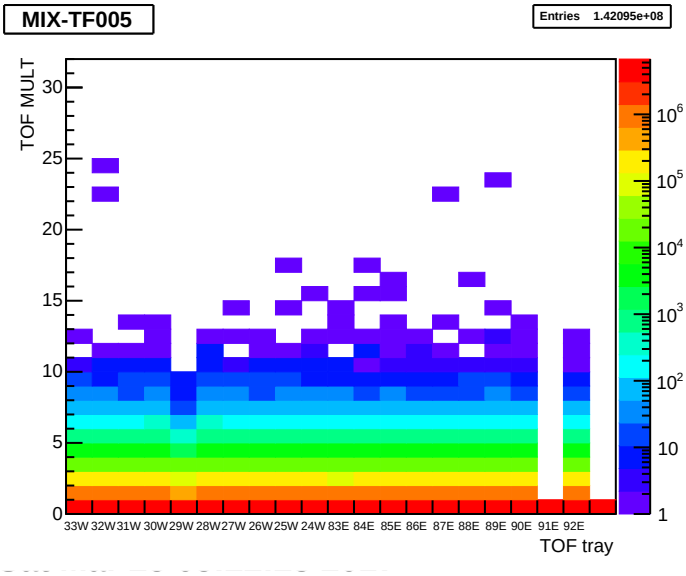

BunchId7Bit (RPET)
Entries 1458571

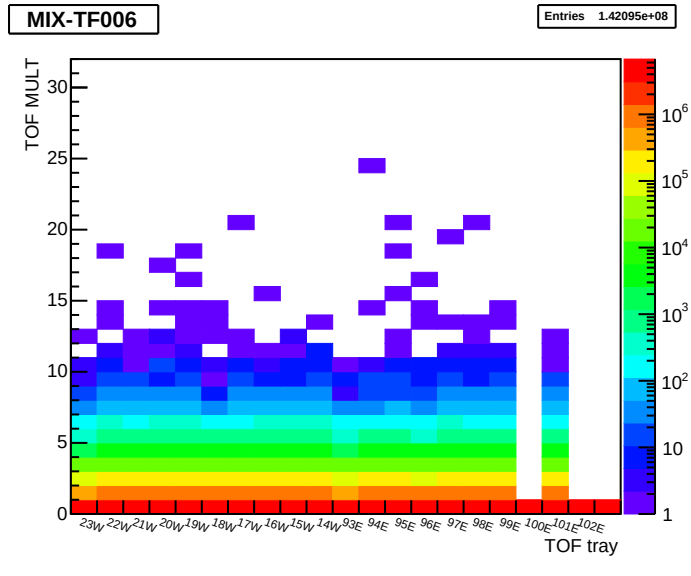

MIX-TF001
Entries 1.42095e+08
TOF MULT
TOF tray

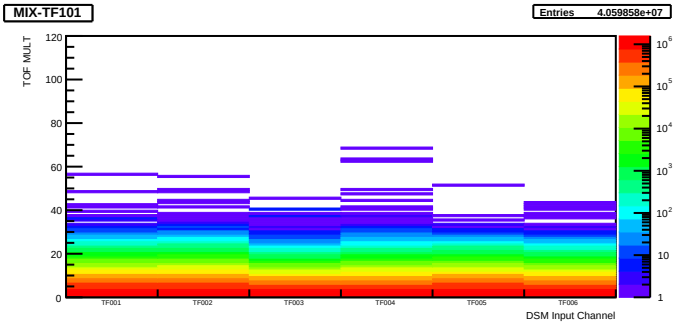

MIX-TF002
Entries 1.42095e+08
TOF MULT
TOF tray

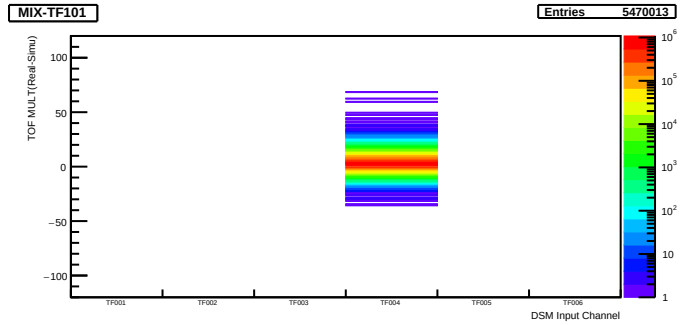

MIX-TF003
Entries 1.42095e+08
TOF MULT
TOF tray

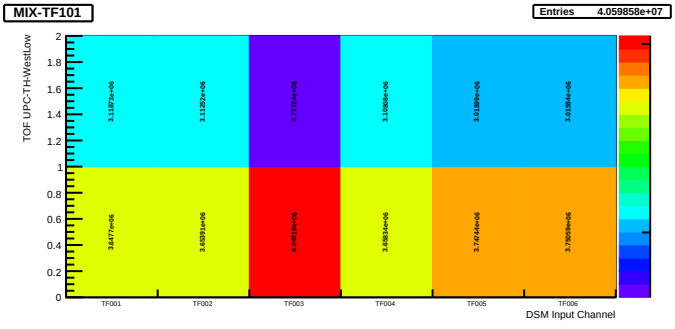

MIX-TF004
Entries 1.42095e+08
TOF MULT
TOF tray

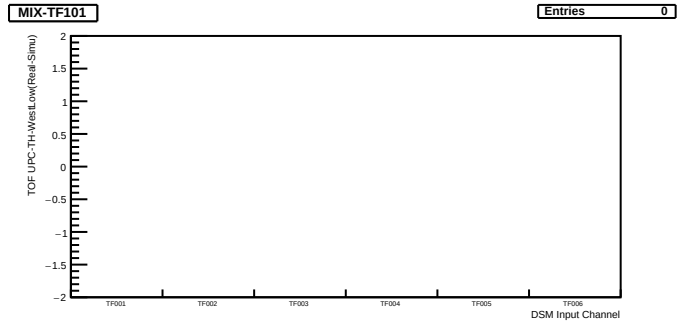

MIX-TF005
Entries 1.42095e+08
TOF MULT
TOF tray

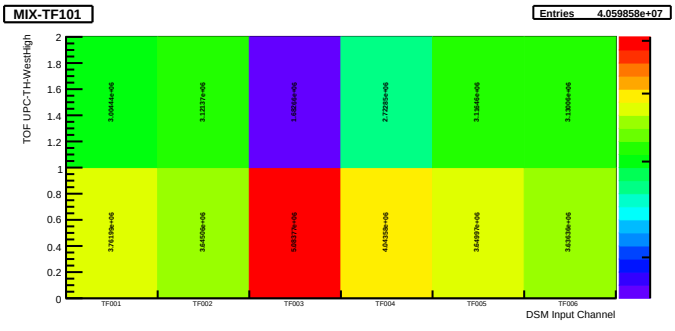

MIX-TF006
Entries 1.42095e+08
TOF MULT
TOF tray

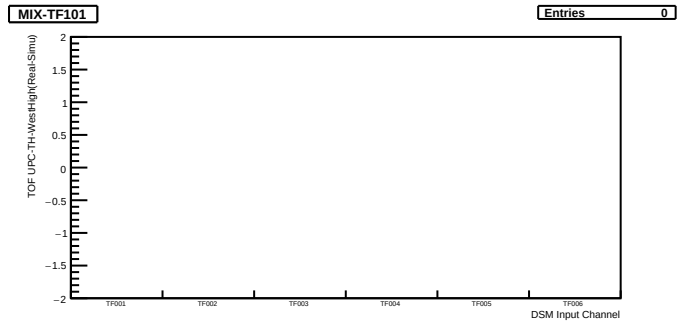

MIX-TF101
Entries 4.059858e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

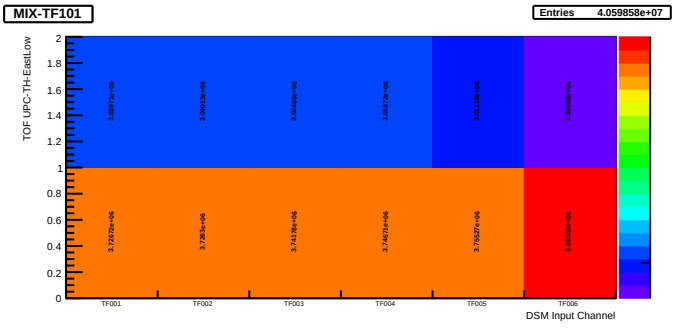

MIX-TF101
Entries 5470013
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

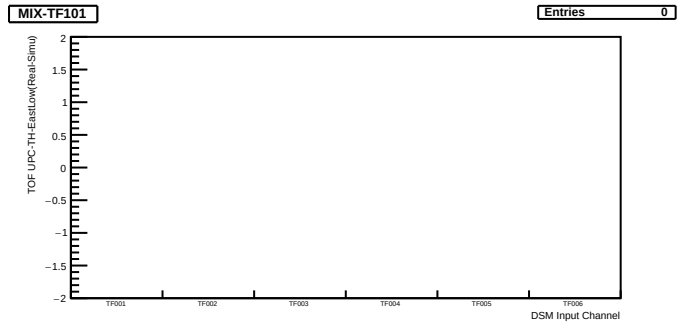

MIX-TF101
Entries 4.059858e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

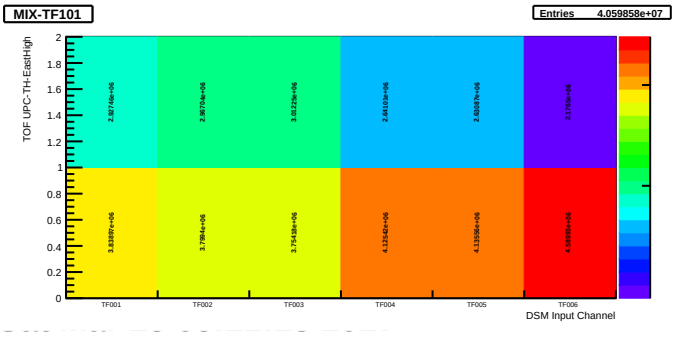

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

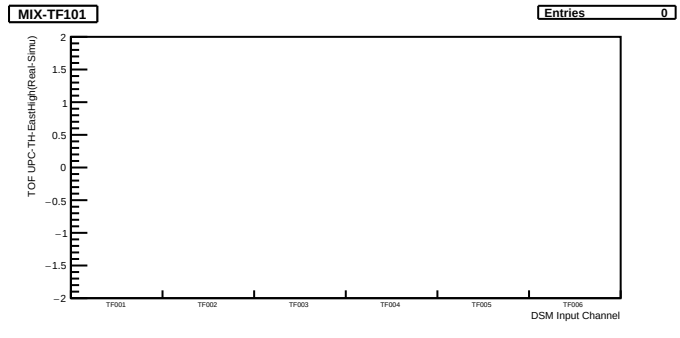

MIX-TF101
Entries 4.059858e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

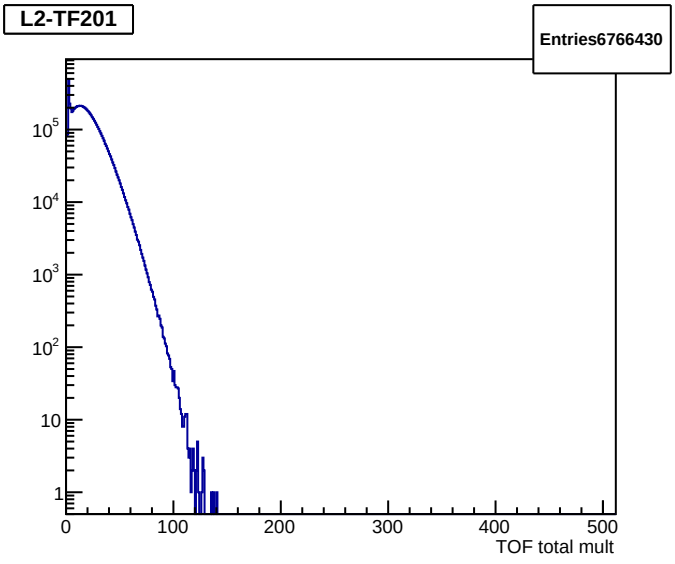

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

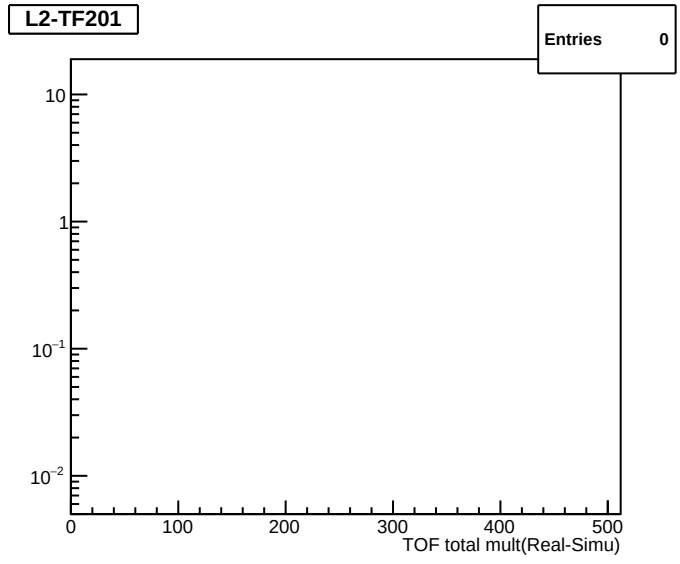

MIX-TF101
Entries 4.059858e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

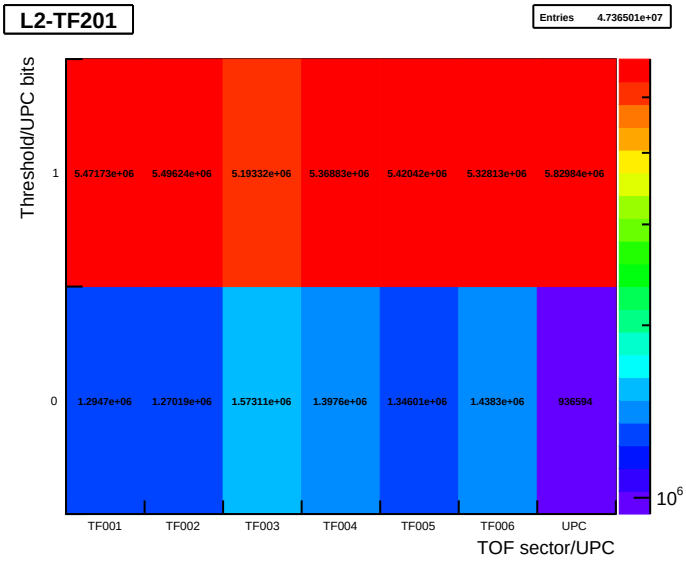

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

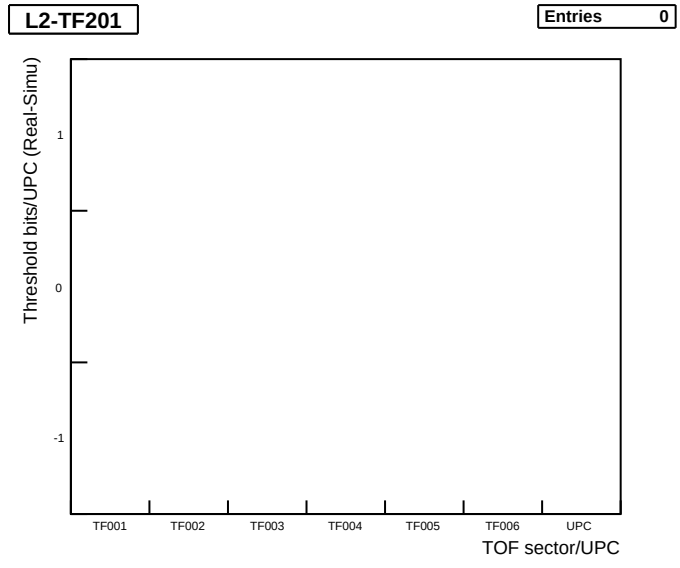

MIX-TF101
Entries 4.059858e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

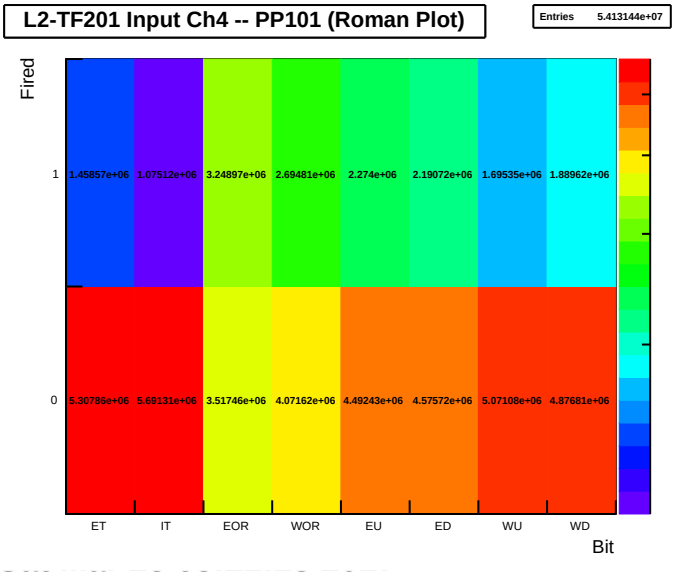

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

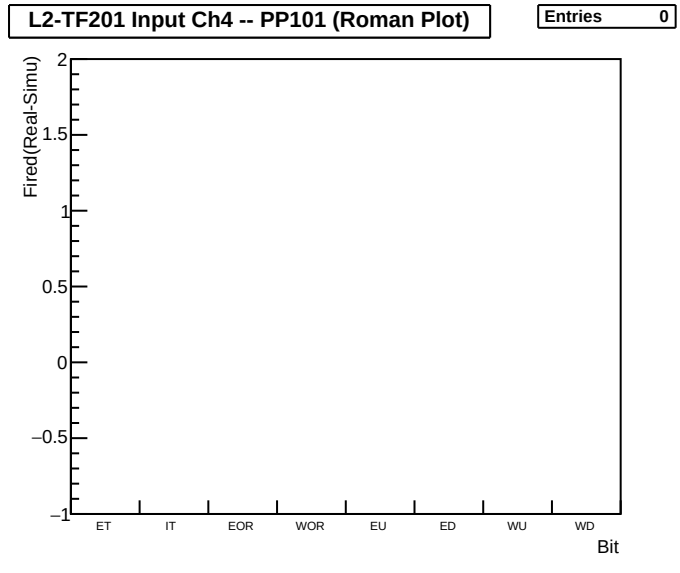

L2-TF201
Entries6766430
TOF total mult

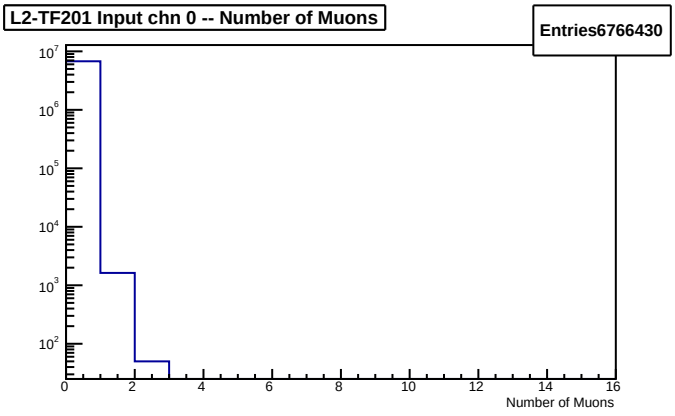

L2-TF201
Entries 0
TOF total mult(Real-Simu)

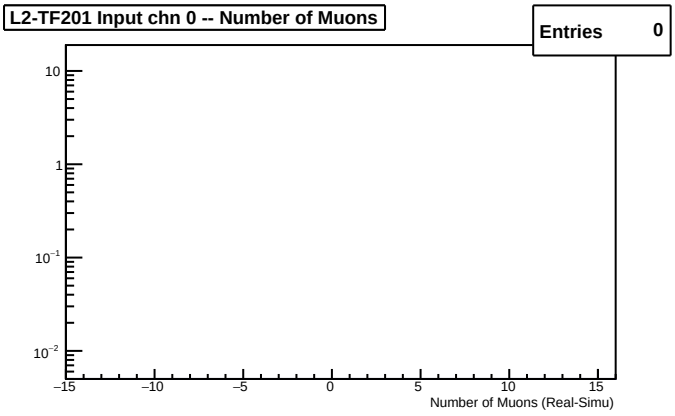

L2-TF201
Entries 4.736501e+07
Threshold/UPC bits
5.47173e+06
5.49624e+06
5.19332e+06
5.36883e+06
5.42042e+06
5.32813e+06
5.82984e+06
1.2947e+06
1.27019e+06
1.57311e+06
1.3976e+06
1.34601e+06
1.4383e+06
936594
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

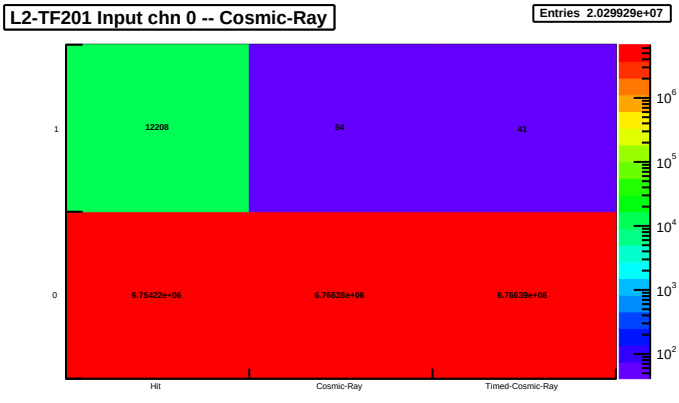

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

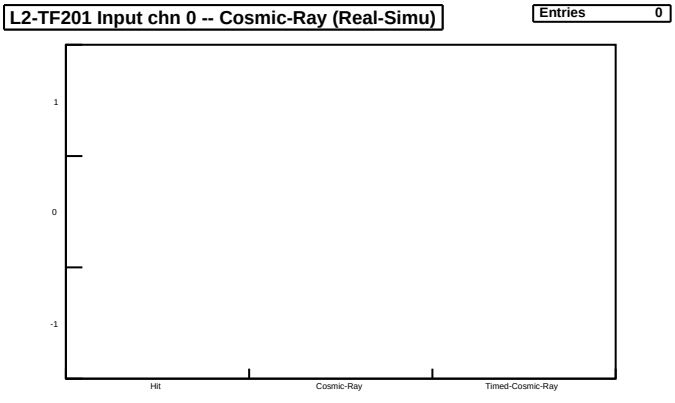

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.413144e+07
Fired
1.45857e+06
1.07512e+06
3.24897e+06
2.69481e+06
2.274e+06
2.19072e+06
1.69535e+06
1.88962e+06
5.30786e+06
5.69131e+06
3.51746e+06
4.07162e+06
4.49243e+06
4.57572e+06
5.07108e+06
4.87681e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

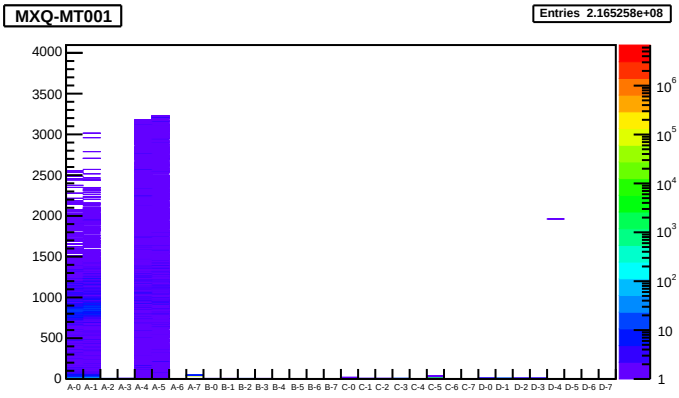

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

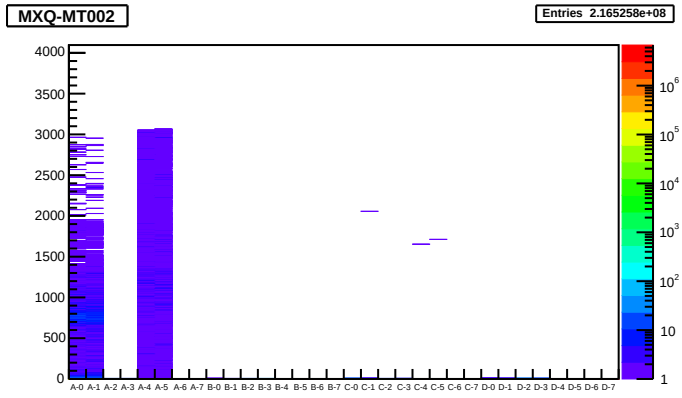

L2-TF201 Input chn 0 -- Number of Muons
Entries6766430
Number of Muons

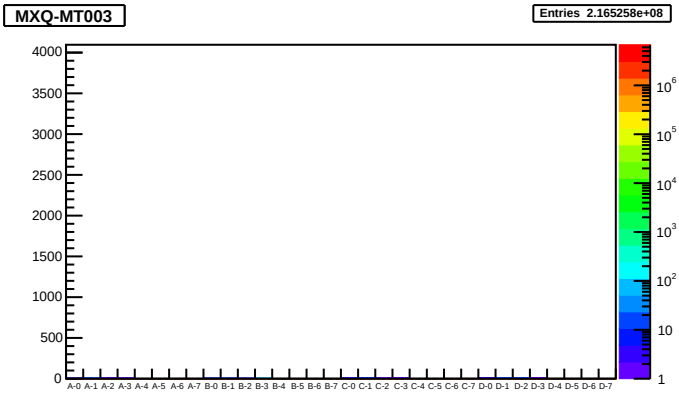

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

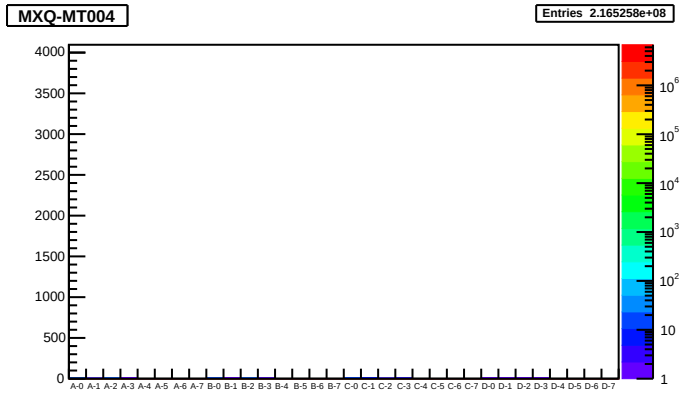

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.029929e+07
12208
54
41
6.75422e+06
6.76638e+06
6.76639e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

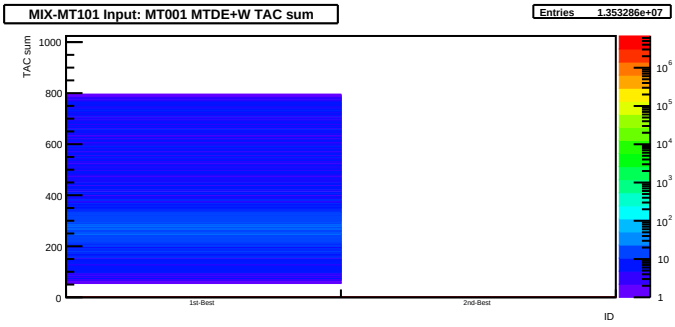

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

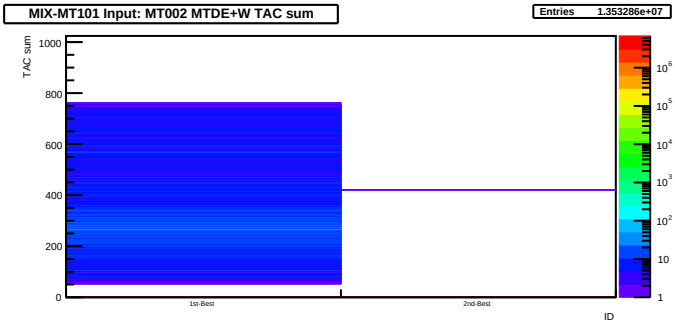

MXQ-MT001
Entries 2.165258e+08

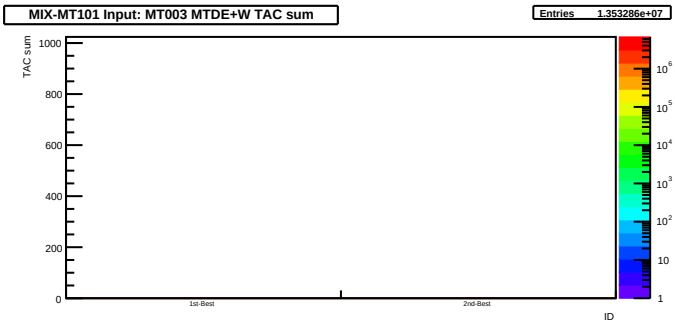

MXQ-MT002
Entries 2.165258e+08

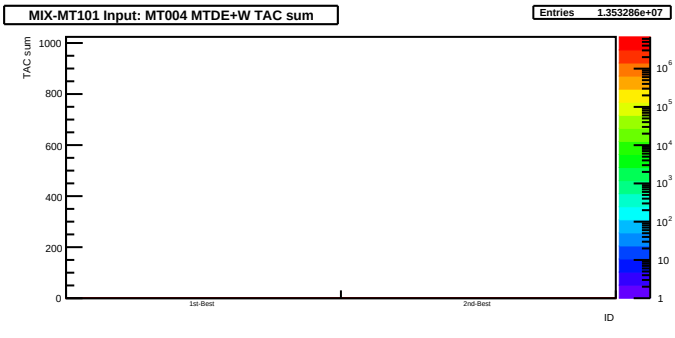

MXQ-MT003
Entries 2.165258e+08

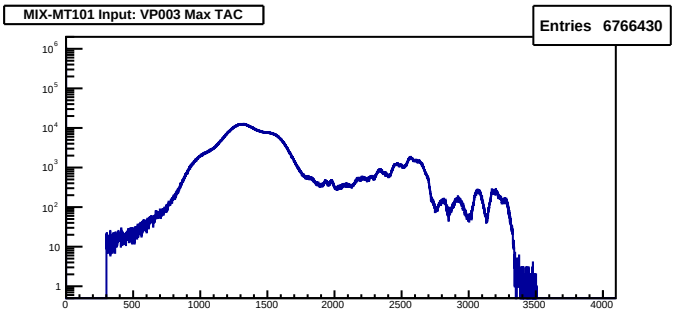

MXQ-MT004
Entries 2.165258e+08

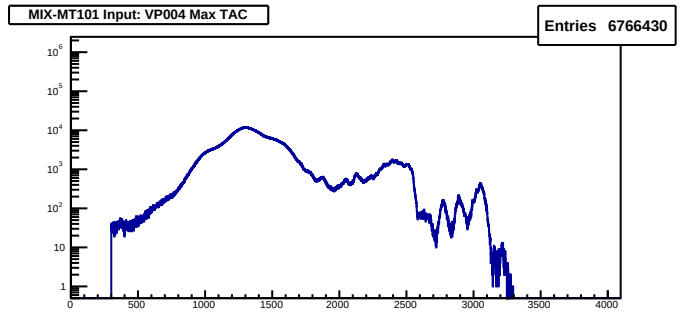

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.353286e+07
TAC sum
1st-Best
2nd-Best
ID

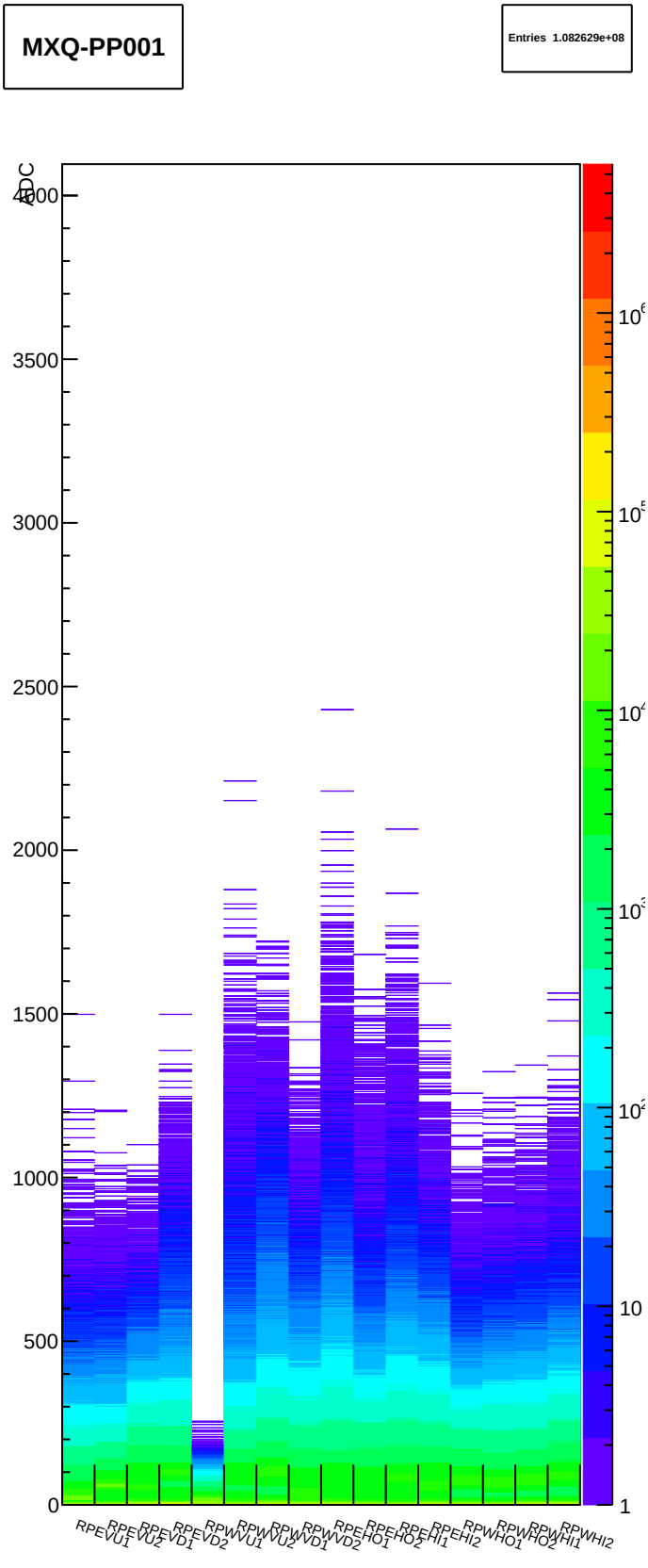

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.353286e+07
TAC sum
1st-Best
2nd-Best
ID

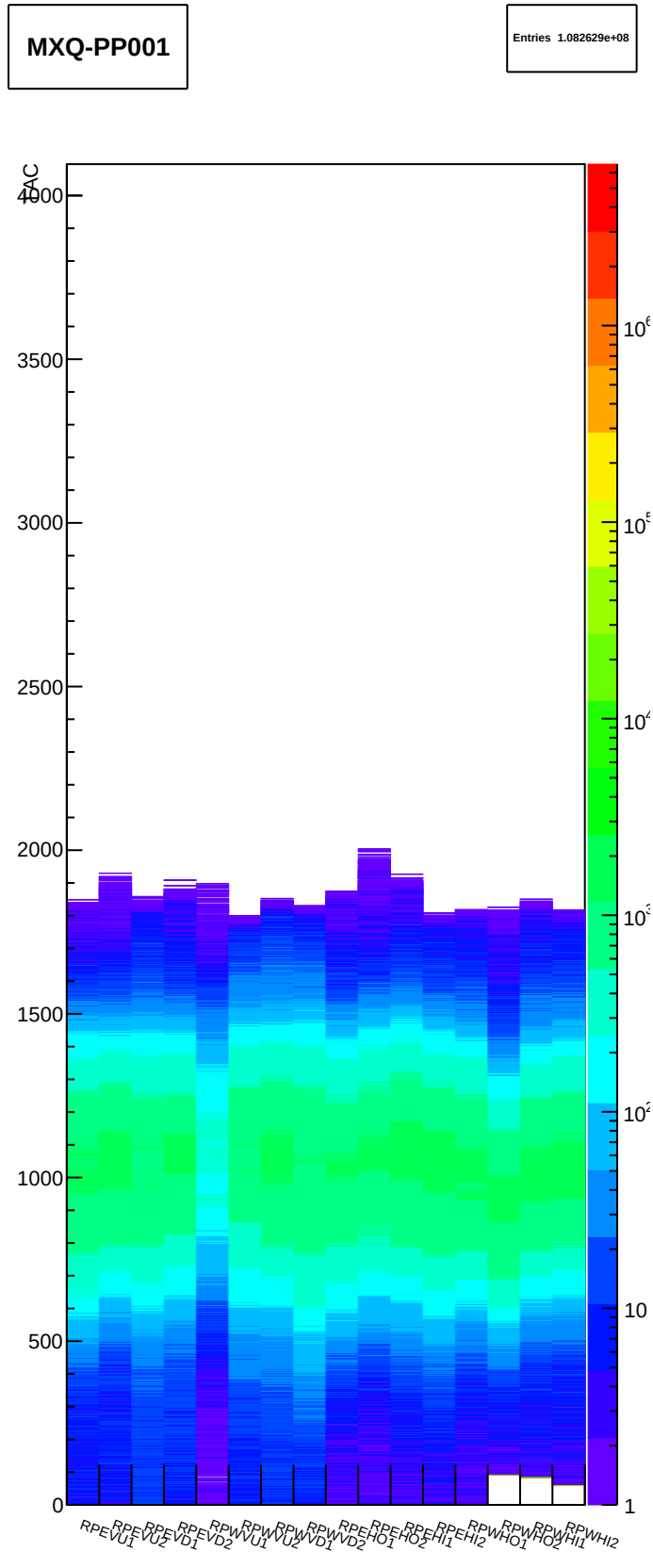

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.353286e+07
TAC sum
1st-Best
2nd-Best
ID

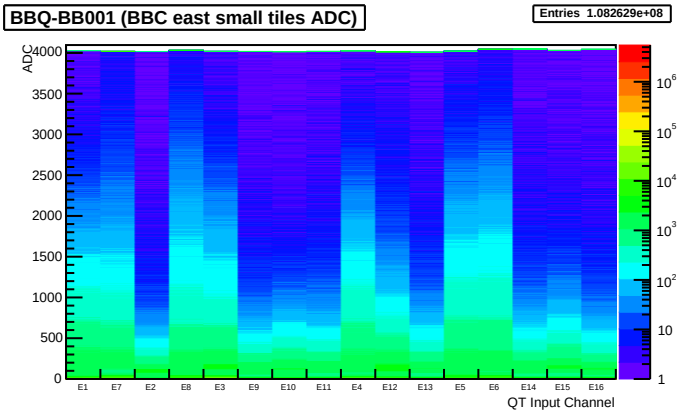

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.353286e+07
TAC sum
1st-Best
2nd-Best
ID

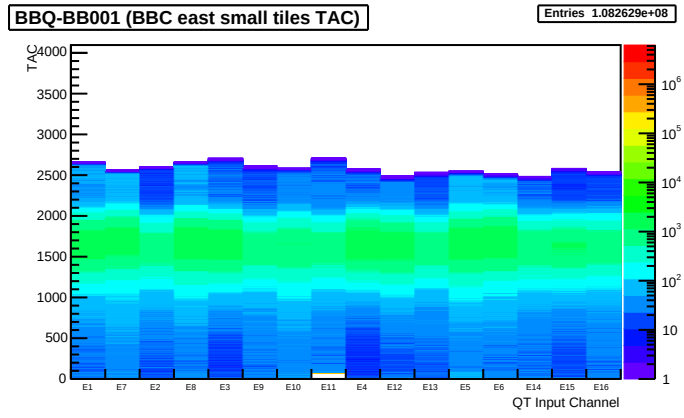

MIX-MT101 Input: VP003 Max TAC
Entries 6766430

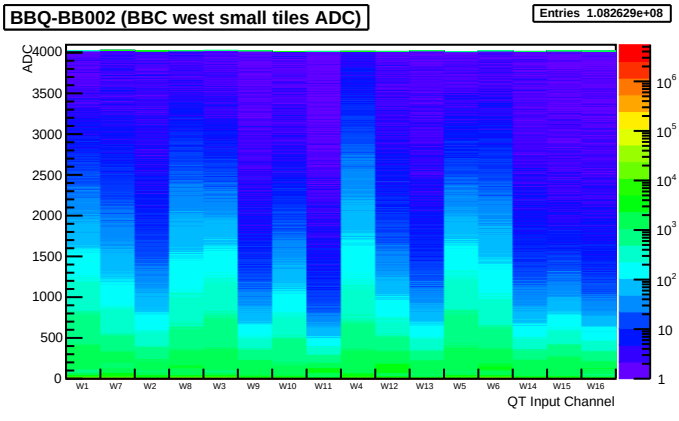

MIX-MT101 Input: VP004 Max TAC
Entries 6766430

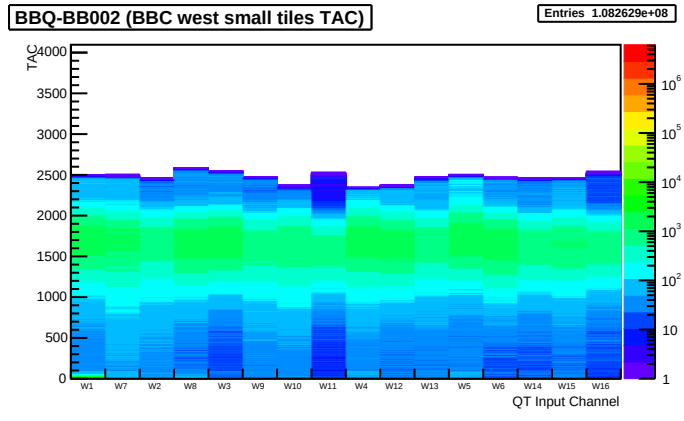

MXQ-PP001
Entries 1.082629e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

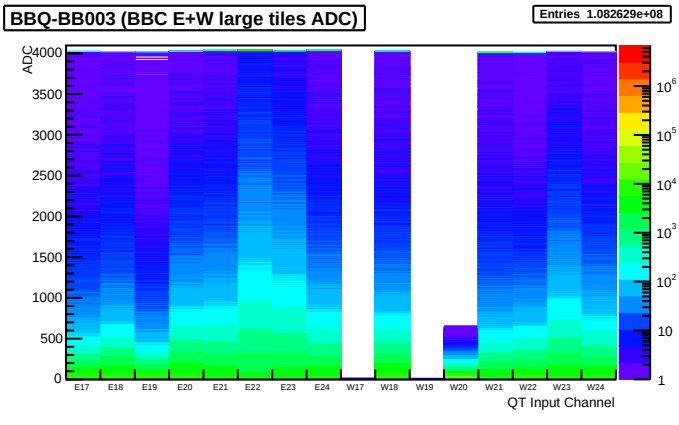

MXQ-PP001
Entries 1.082629e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

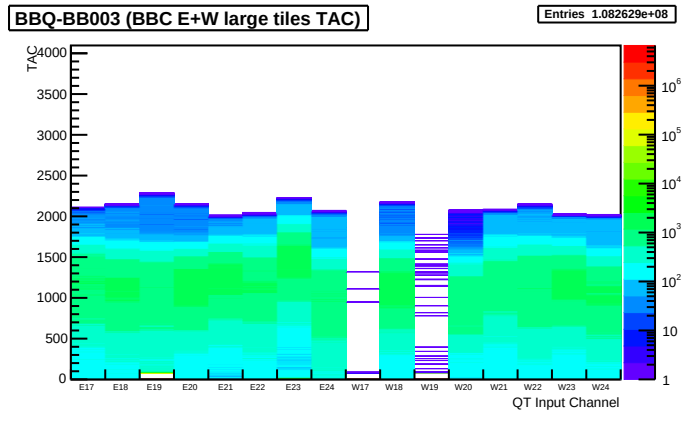

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.082629e+08
ADC
QT Input Channel

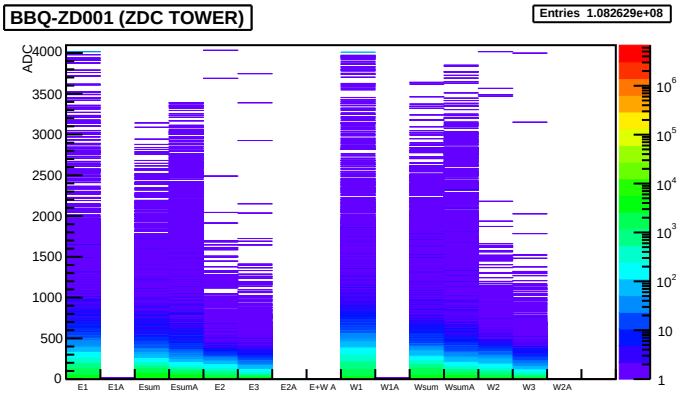

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.082629e+08
TAC
QT Input Channel

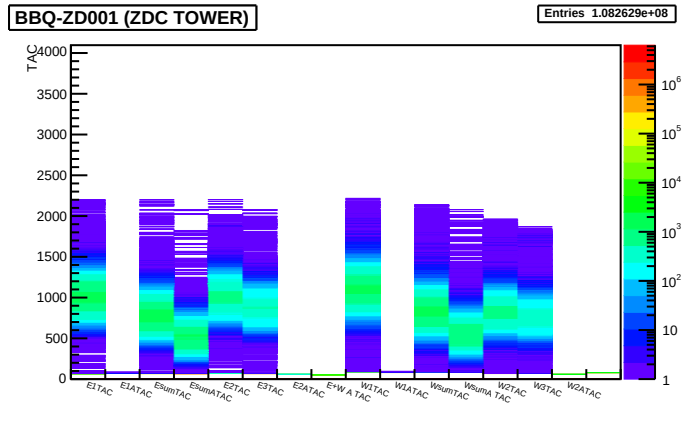

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.082629e+08
ADC
QT Input Channel

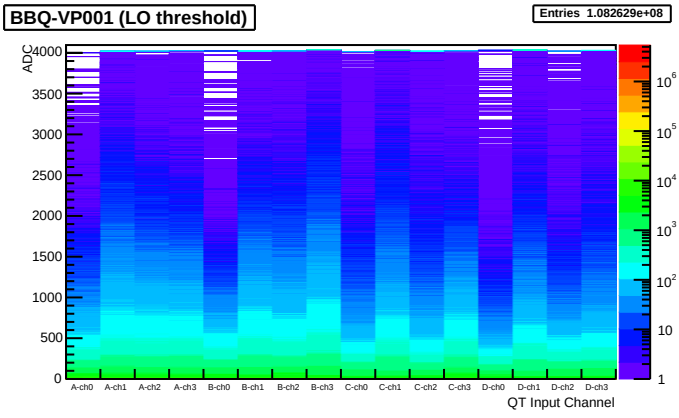

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.082629e+08
TAC
QT Input Channel

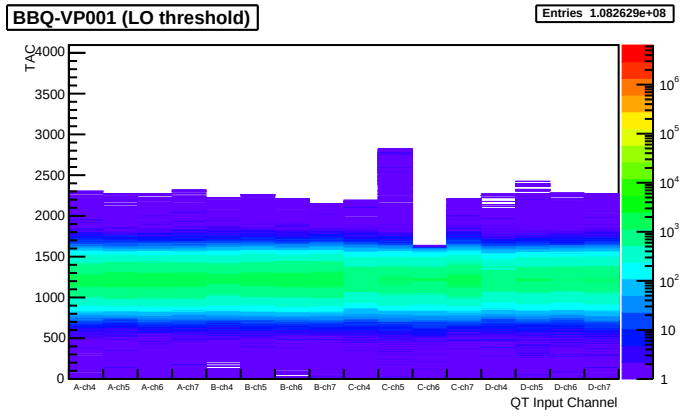

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.082629e+08
ADC
QT Input Channel

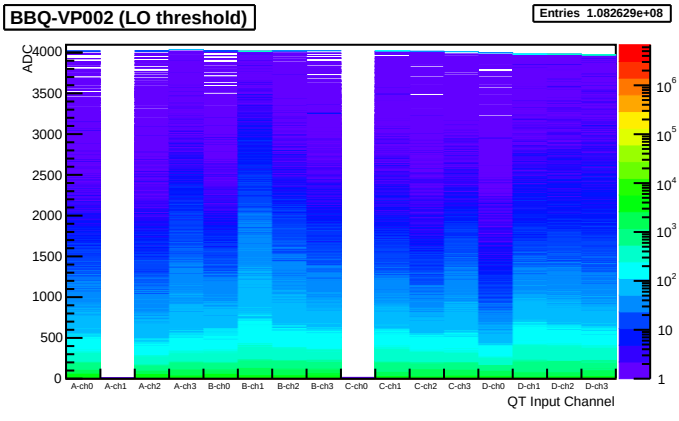

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.082629e+08
TAC
QT Input Channel

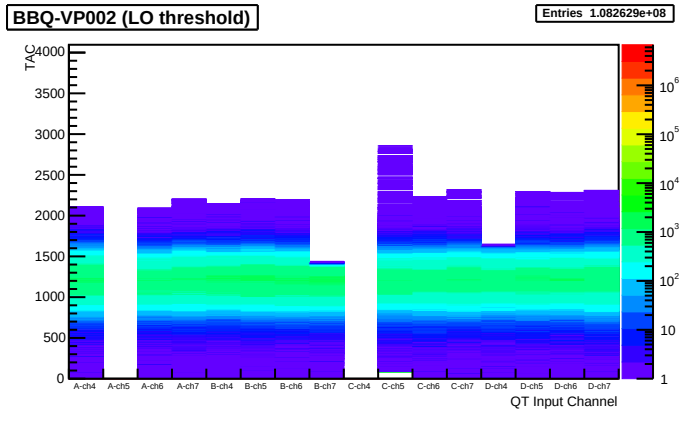

BBQ-ZD001 (ZDC TOWER)
Entries 1.082629e+08
ADC

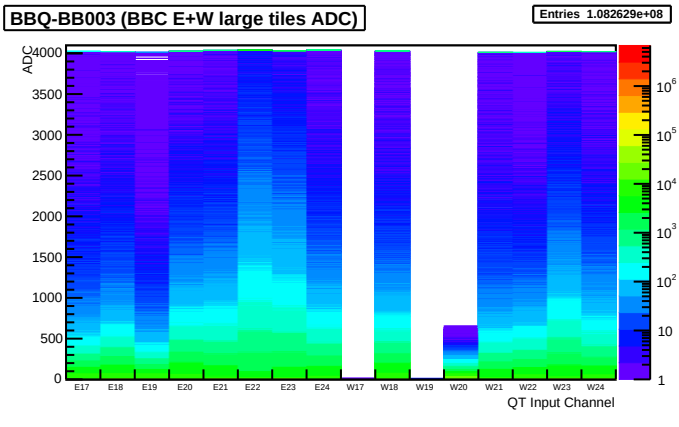

BBQ-ZD001 (ZDC TOWER)
Entries 1.082629e+08
TAC

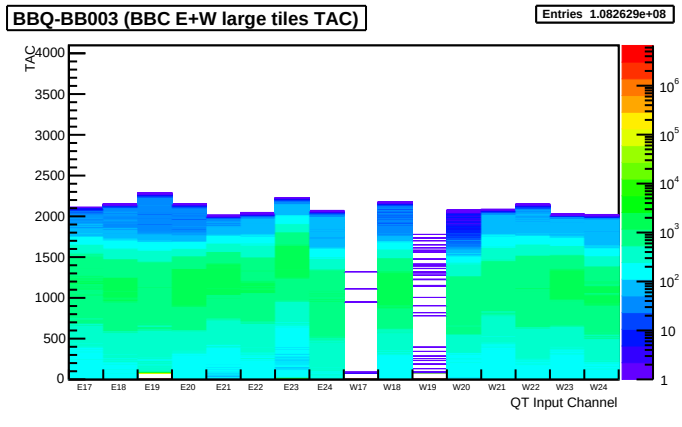

BBQ-VP001 (LO threshold)
Entries 1.082629e+08
ADC
QT Input Channel

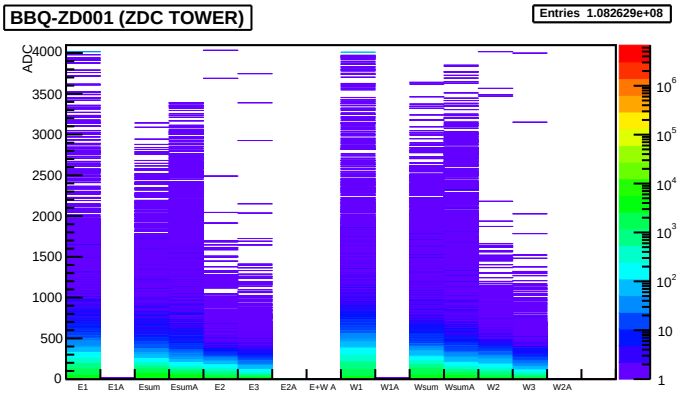

BBQ-VP001 (LO threshold)
Entries 1.082629e+08
TAC
QT Input Channel

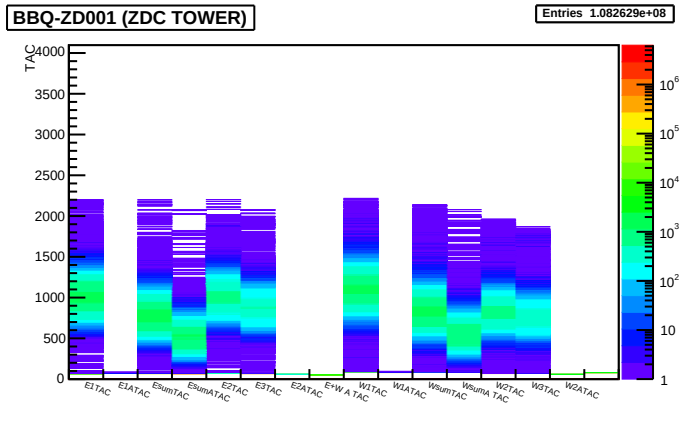

BBQ-VP002 (LO threshold)
Entries 1.082629e+08
ADC
QT Input Channel

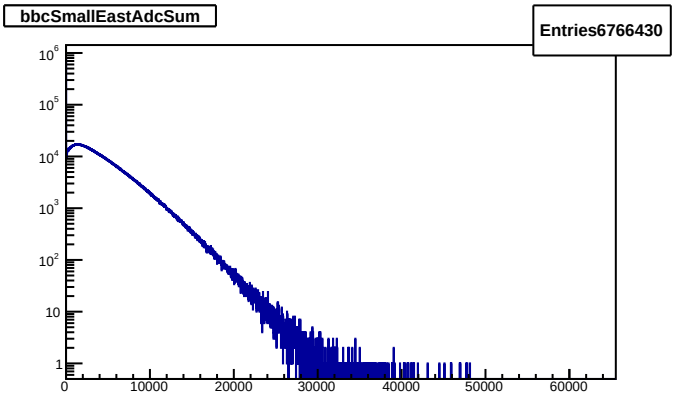

BBQ-VP002 (LO threshold)
Entries 1.082629e+08
TAC
QT Input Channel

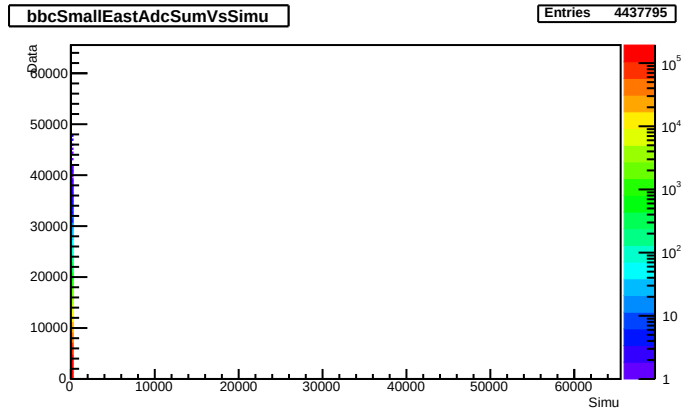

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.082629e+08
ADC
QT Input Channel

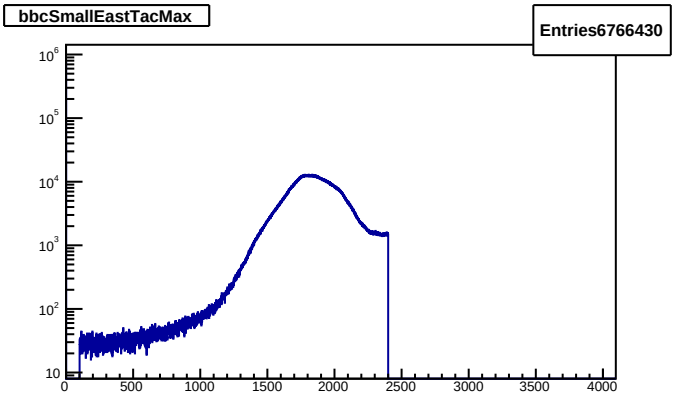

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.082629e+08
TAC
QT Input Channel

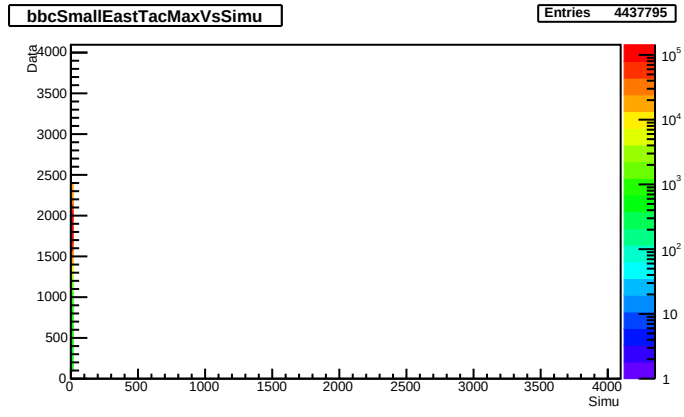

BBQ-ZD001 (ZDC TOWER)
Entries 1.082629e+08
ADC

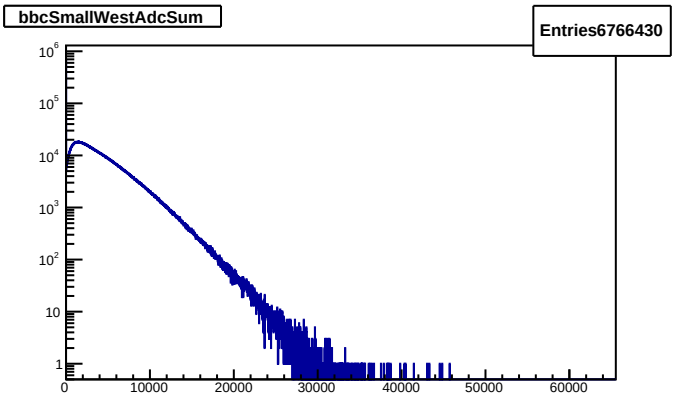

BBQ-ZD001 (ZDC TOWER)
Entries 1.082629e+08
TAC

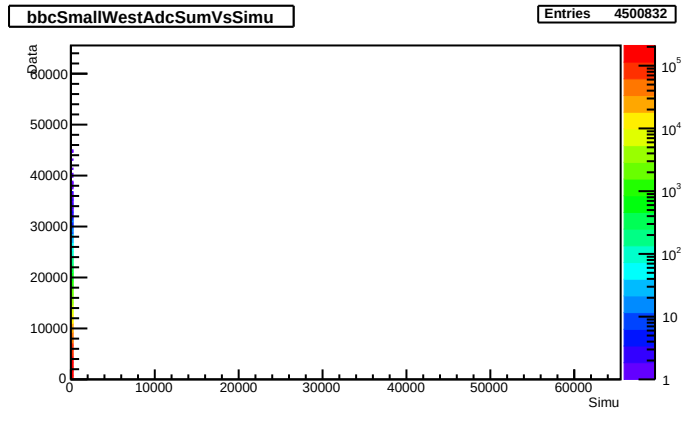

bbcSmallEastAdcSum
Entries6766430

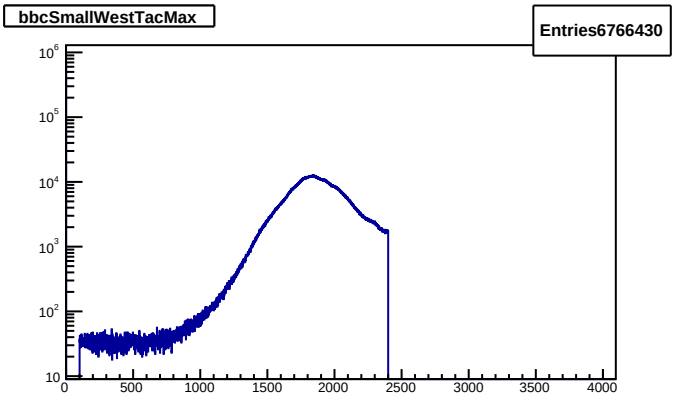

bbcSmallEastAdcSumVsSimu
Entries 4437795
Data
Simu

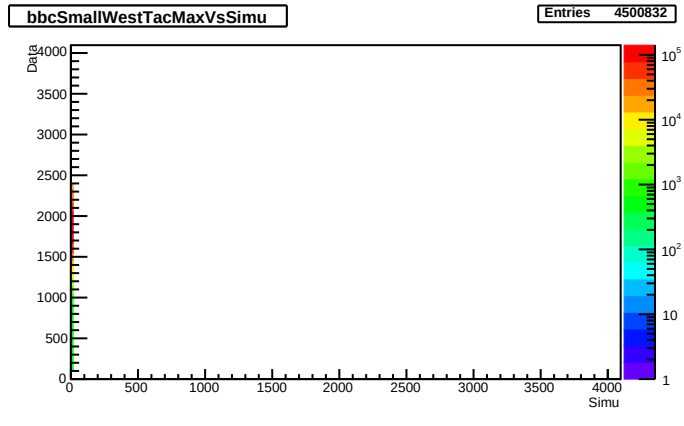

bbcSmallEastTacMax
Entries6766430

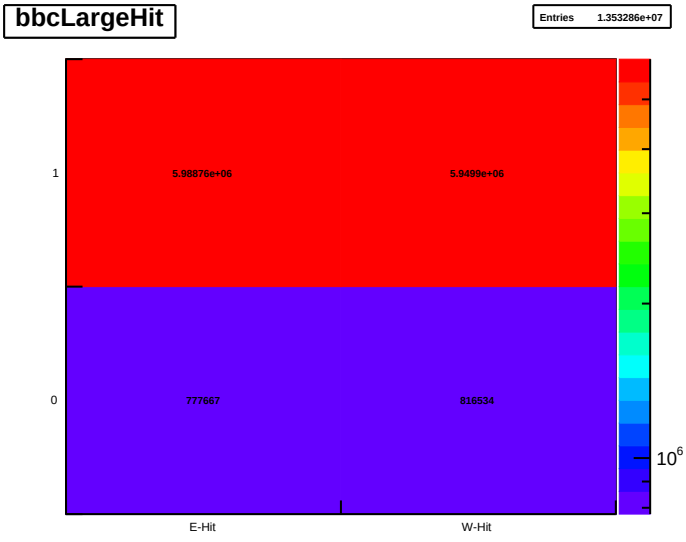

bbcSmallEastTacMaxVsSimu
Entries 4437795
Data
Simu

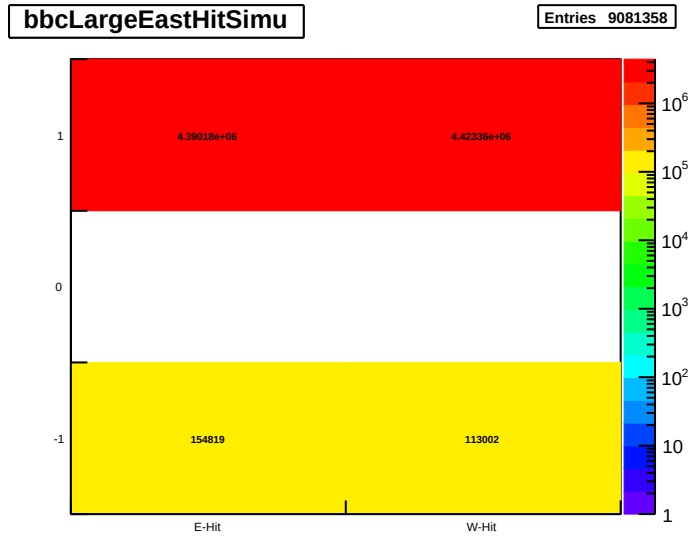

bbcSmallWestAdcSum
Entries6766430

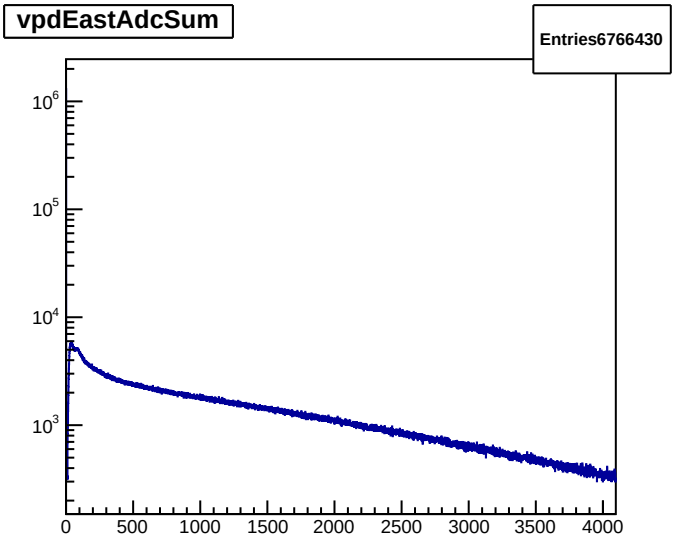

bbcSmallWestAdcSumVsSimu
Entries 4500832
Data
Simu

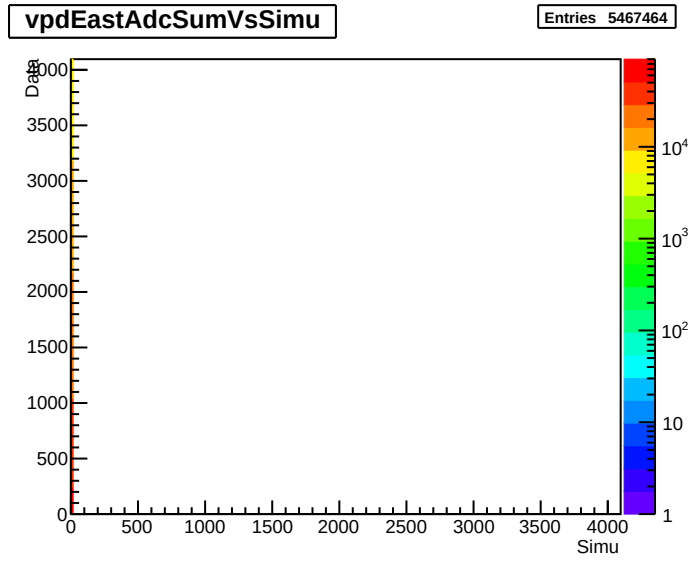

bbcSmallWestTacMax
Entries6766430

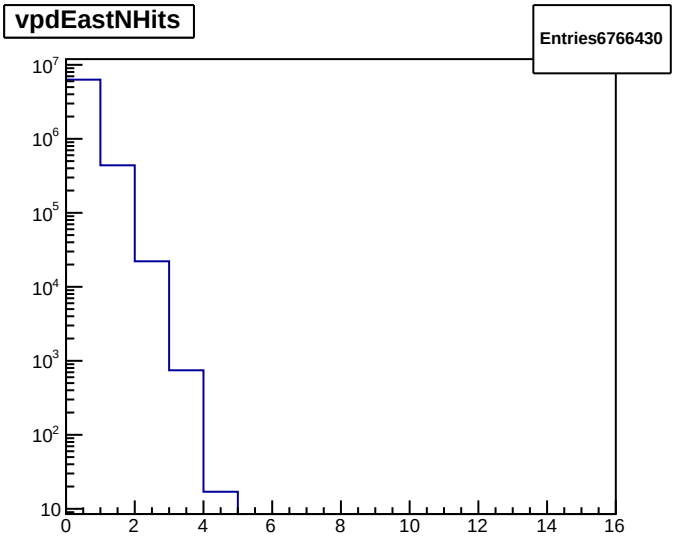

bbcSmallWestTacMaxVsSimu
Entries 4500832
Data
Simu

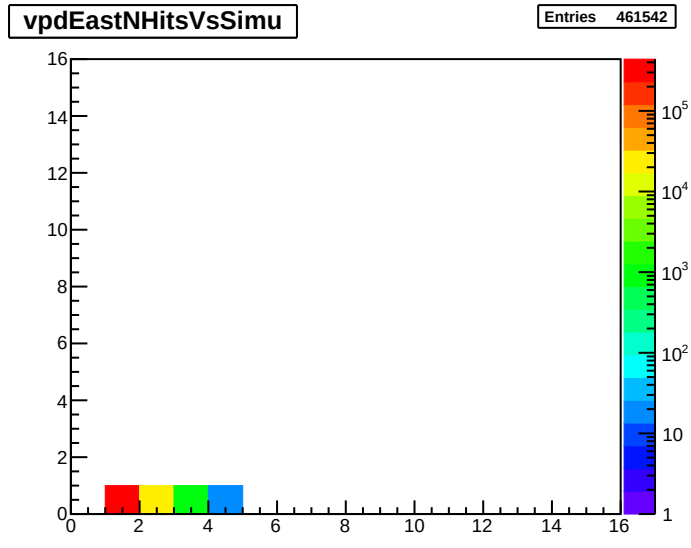

bbcLargeHit
Entries 1.353286e+07
1
0
5.98876e+06
5.9499e+06
777667
816534
E-Hit
W-Hit
10^6

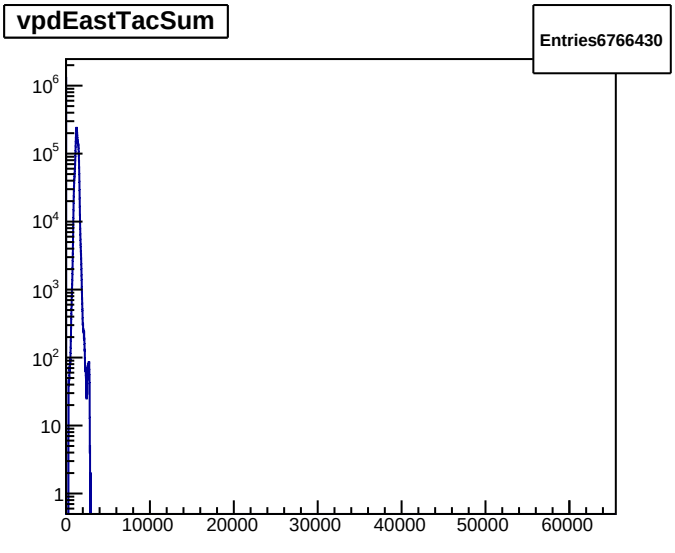

bbcLargeEastHitSimu
Entries 9081358
1
0
-1
4.39018e+06
4.42336e+06
154819
113002
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

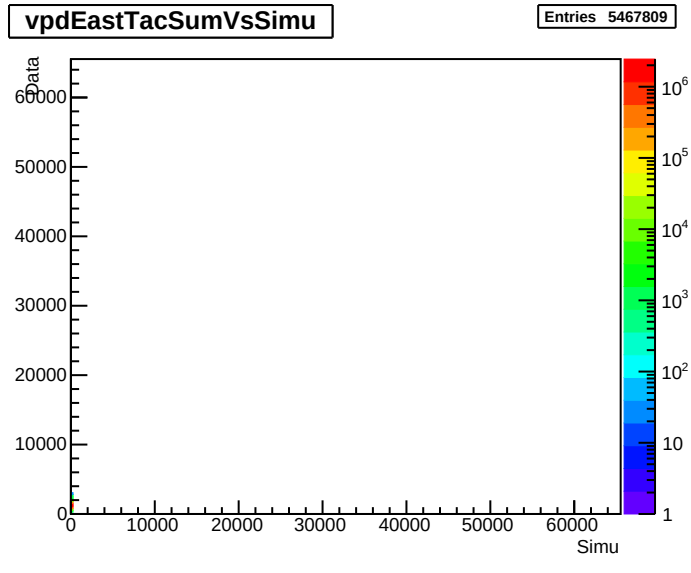

vpdEastAdcSum
Entries6766430

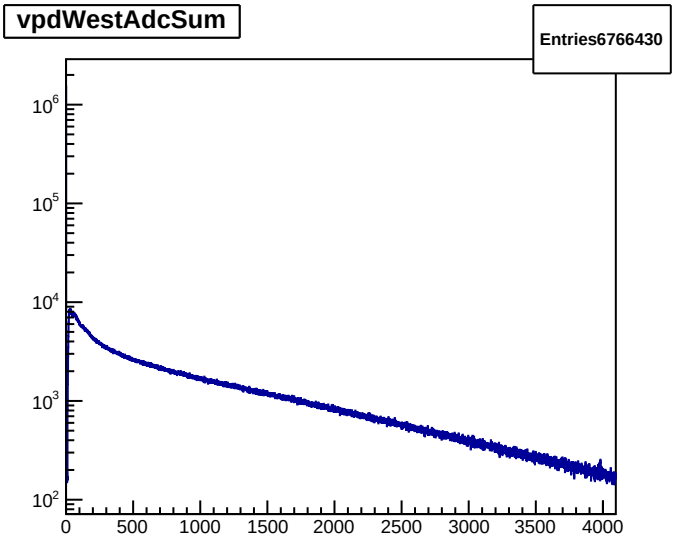

vpdEastAdcSumVsSimu
Entries 5467464
Data
Simu

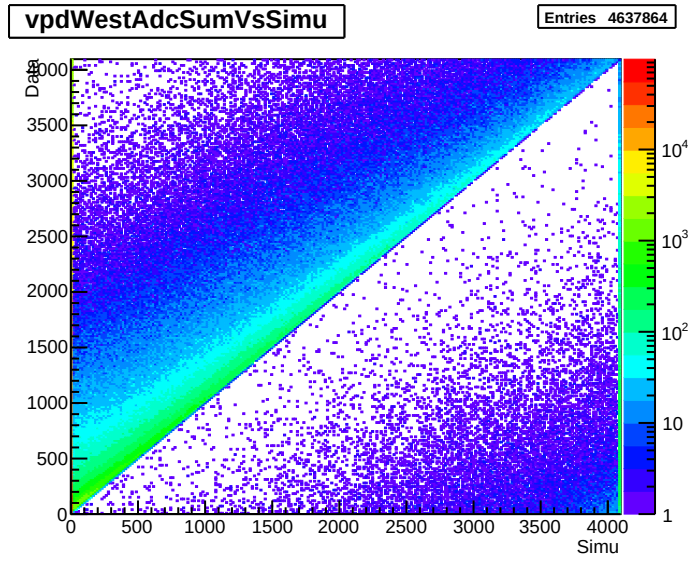

vpdEastNHits
Entries6766430

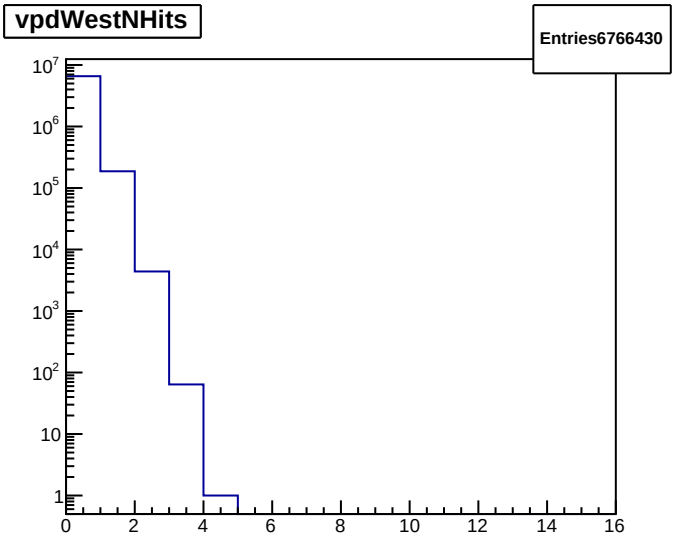

vpdEastNHitsVsSimu
Entries 461542

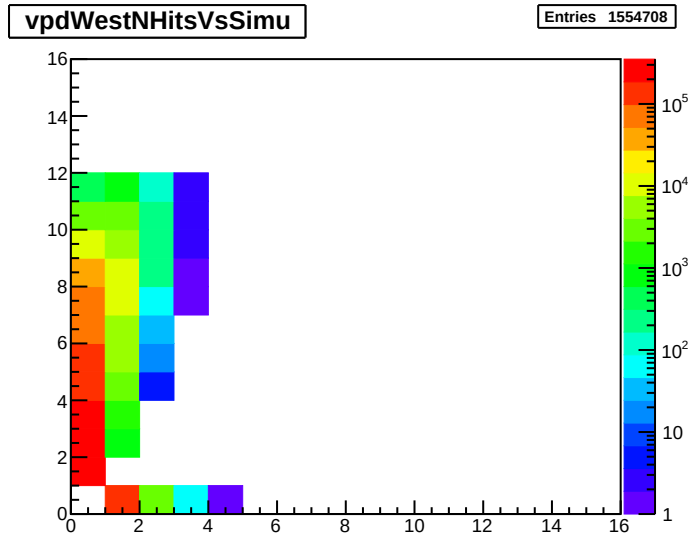

vpdEastTacSum
Entries6766430

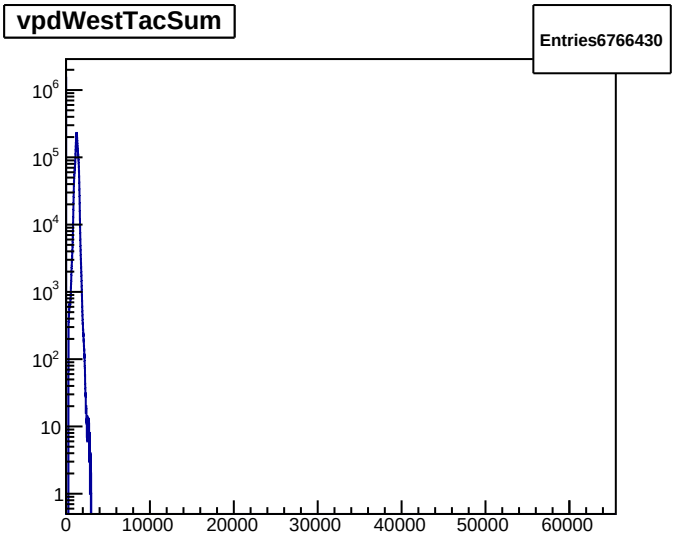

vpdEastTacSumVsSimu
Entries 5467809
Data
Simu

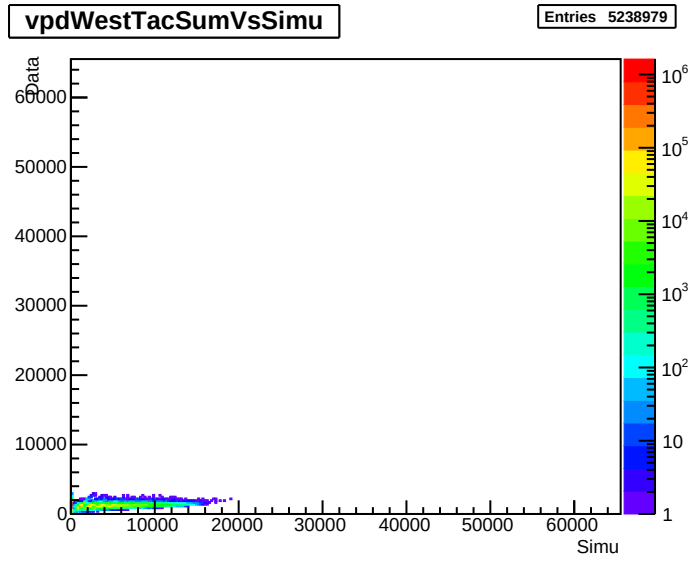

vpdWestAdcSum
Entries6766430

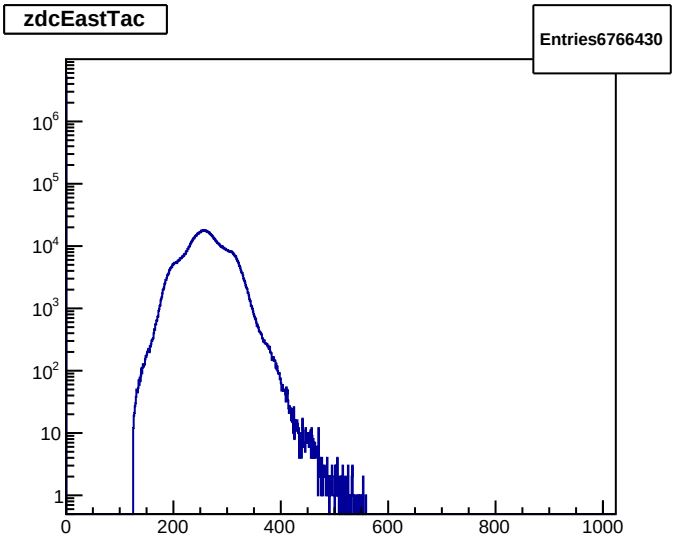

vpdWestAdcSumVsSimu
Entries 4637864
Data
Simu

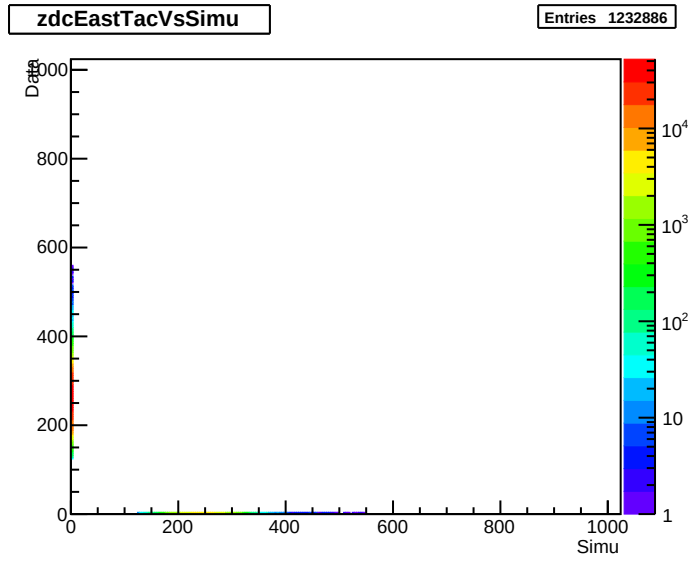

vpdWestNHits
Entries6766430

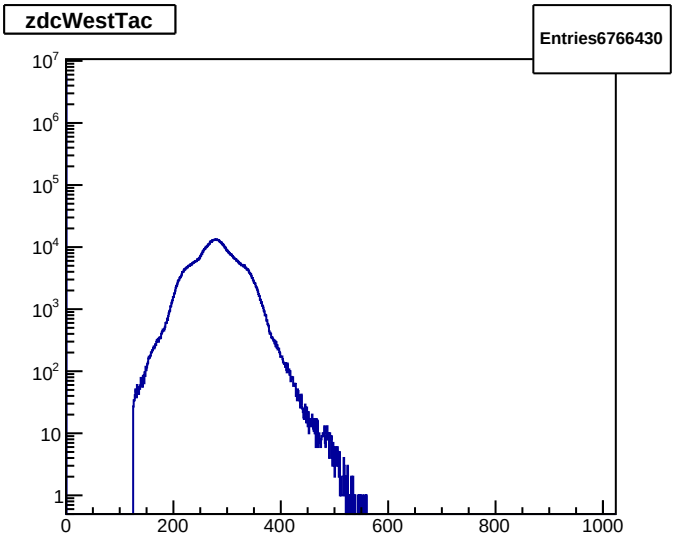

vpdWestNHitsVsSimu
Entries 1554708

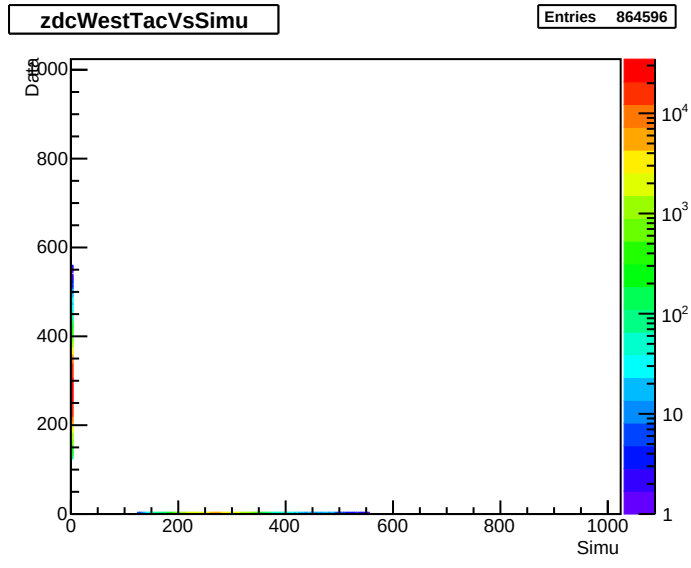

vpdWestTacSum
Entries6766430

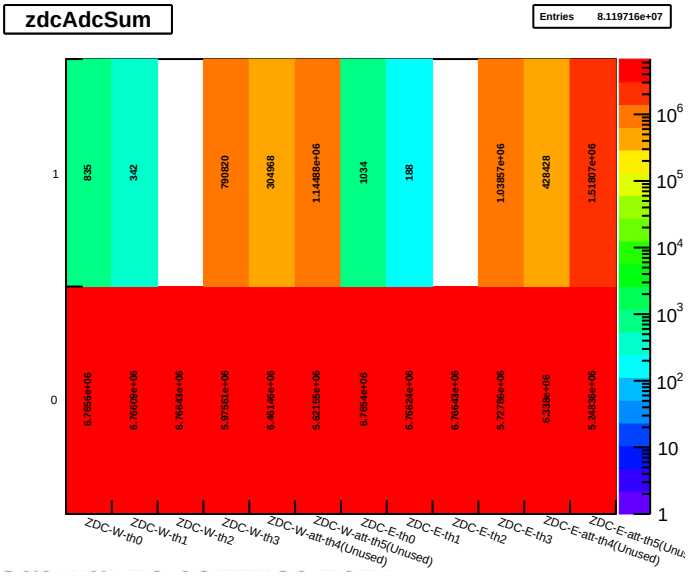

vpdWestTacSumVsSimu
Entries 5238979
Data
Simu

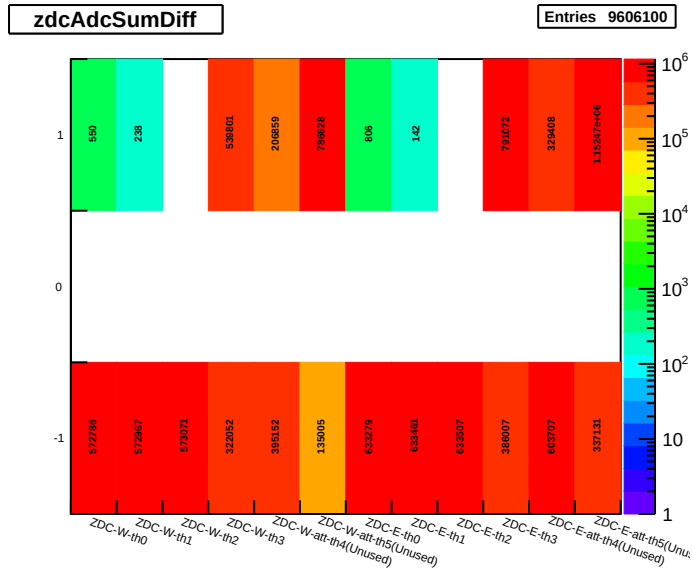

zdcEastTac
Entries6766430

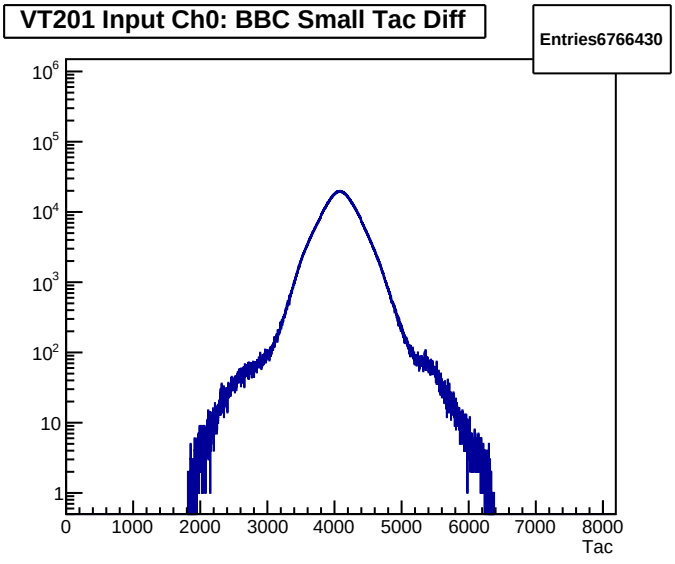

zdcEastTacVsSimu
Entries 1232886
Data
Simu

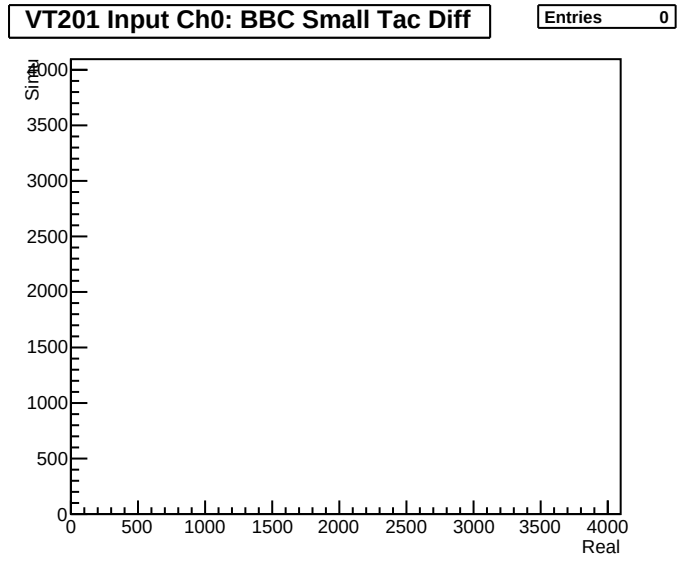

zdcWestTac
Entries6766430

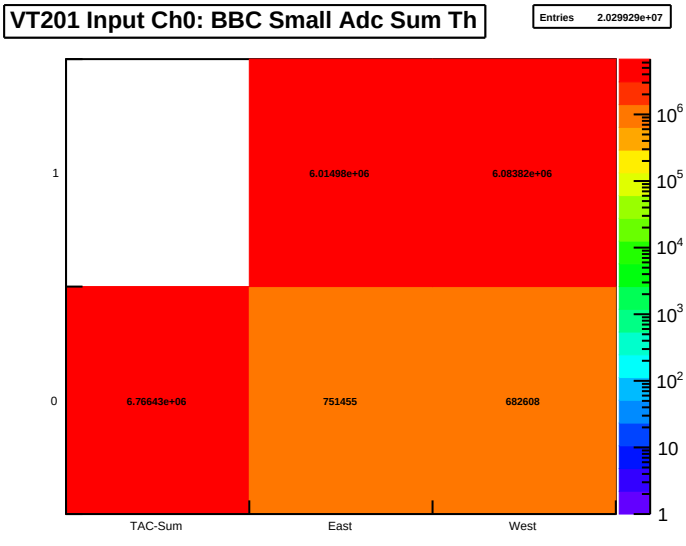

zdcWestTacVsSimu
Entries 864596
Data
Simu

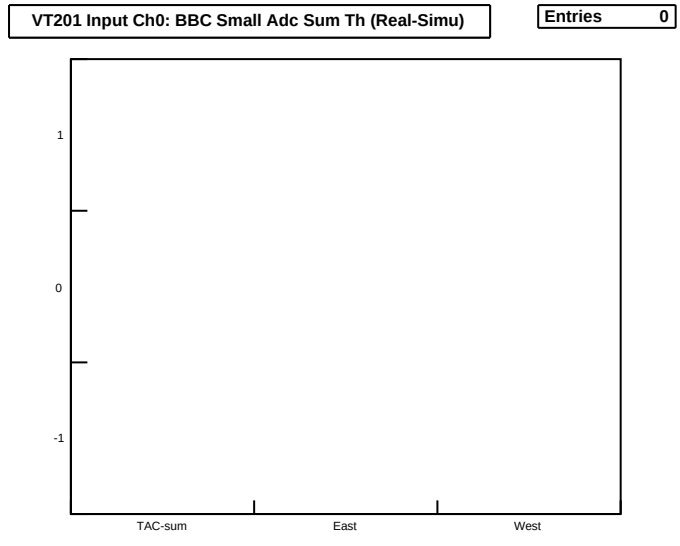

zdcAdcSum
Entries 8.119716e+07
835
342
790820
304968
1.14488e+06
1034
188
1.03857e+06
428428
1.51807e+06
6.7656e+06
6.76609e+05
6.76643e+06
5.97561e+06
6.46146e+06
5.62155e+06
6.7654e+06
6.76624e+06
6.76643e+05
5.72786e+06
6.338e+06
5.24836e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

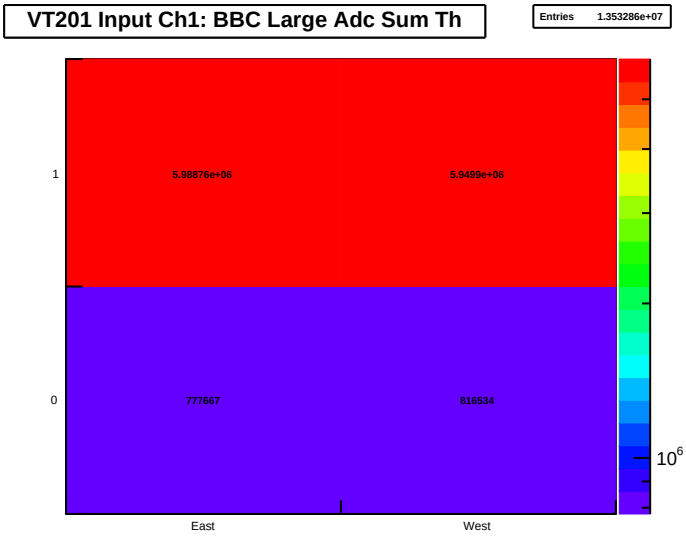

zdcAdcSumDiff
Entries 9606100
550
238
539801
206859
786628
806
142
791072
329408
1.15247e+06
572786
572967
573071
322052
395152
135005
633279
633461
633507
388007
603707
337131
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

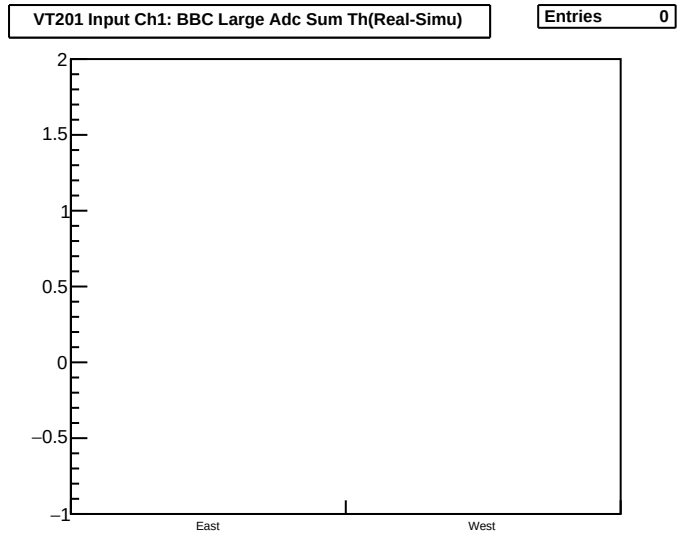

VT201 Input Ch0: BBC Small Tac Diff
Entries6766430
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

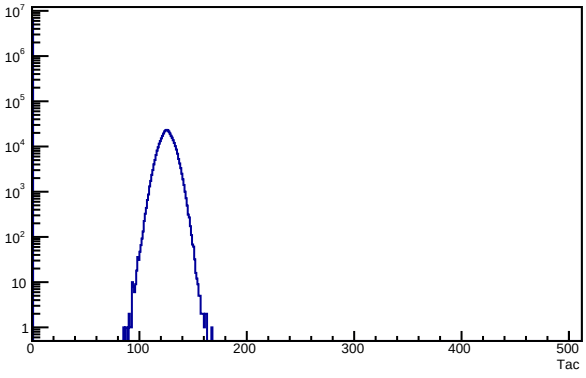

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.029929e+07
6.01498e+06
6.08382e+06
6.76643e+06
751455
682608
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

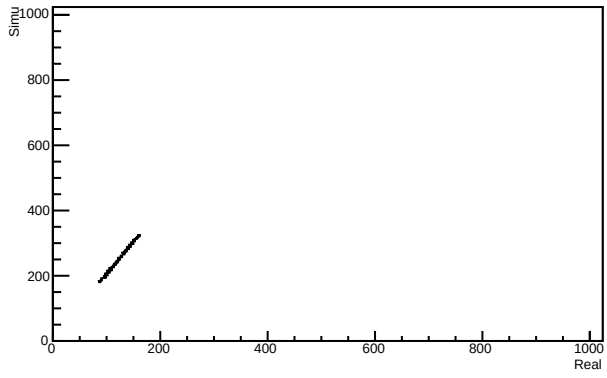

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.353286e+07
5.98876e+06
5.9499e+06
777667
816534
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

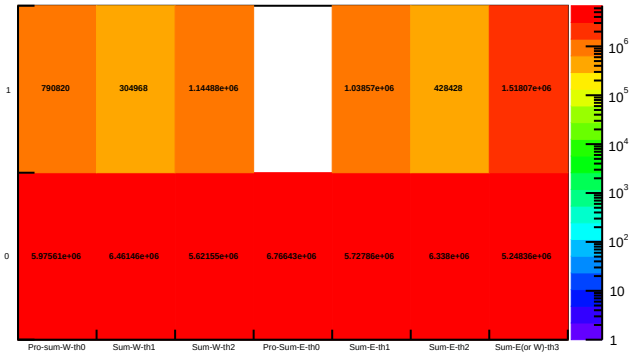
VT201 Input Ch2: ZDC Tac Diff



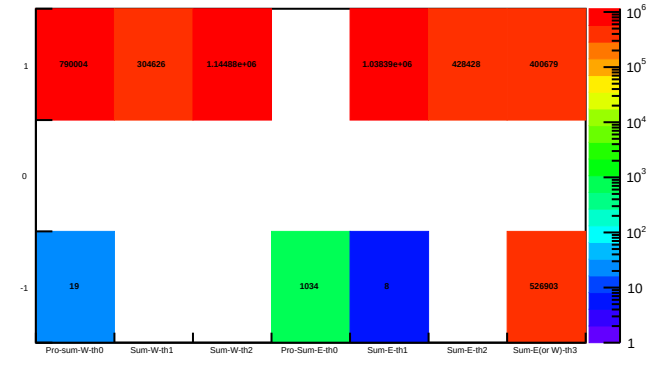
VT201 Input Ch2: ZDC Tac Diff



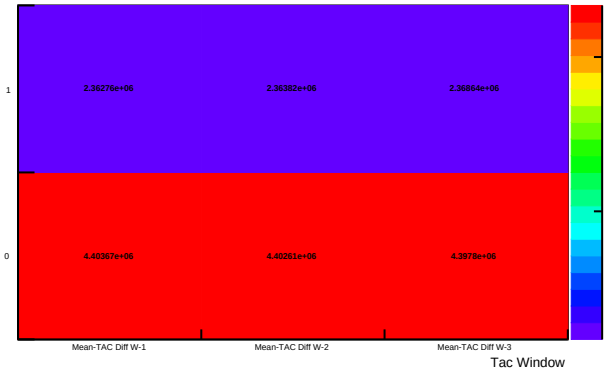
VT201 Input Ch2: ZDC Adc Sum Th



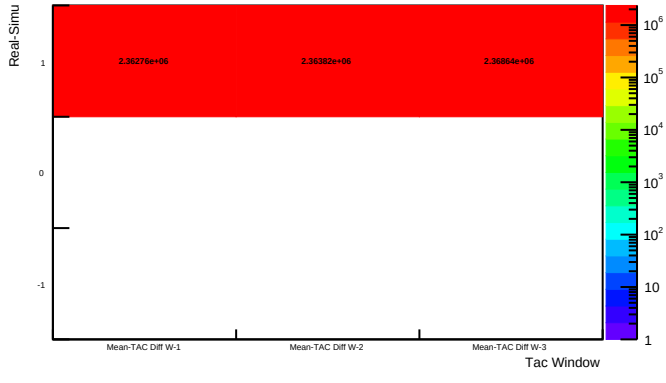
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



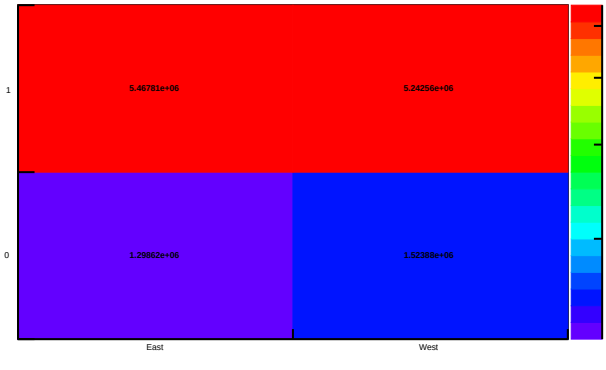
VT201 Input Ch4: VPD Tac Diff



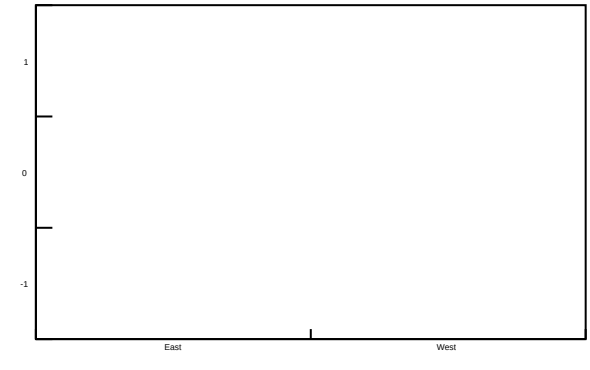
VT201 Input Ch4: VPD Tac Diff

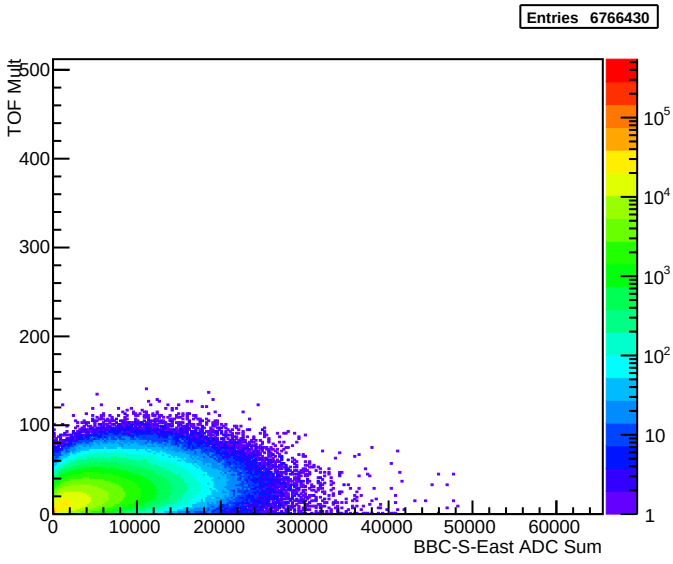


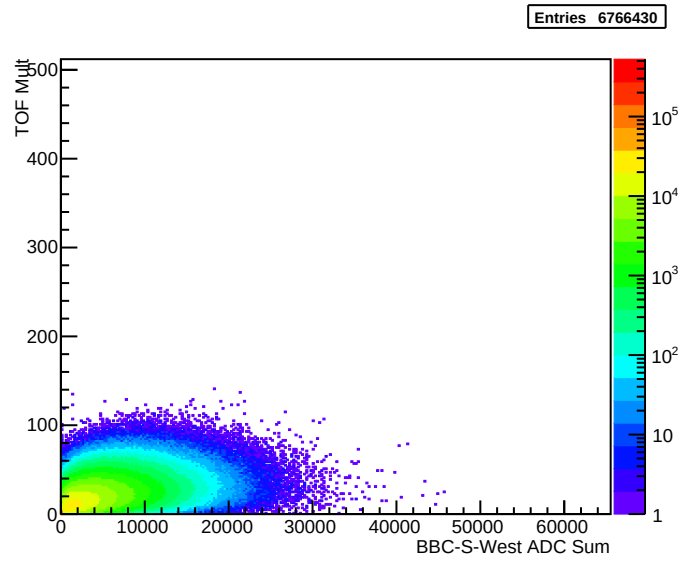
VT201 Input Ch4: VPD Adc Sum Th

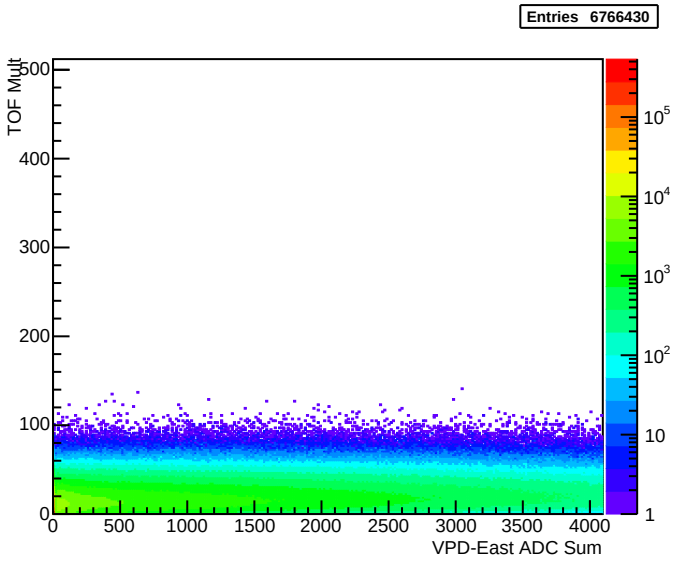


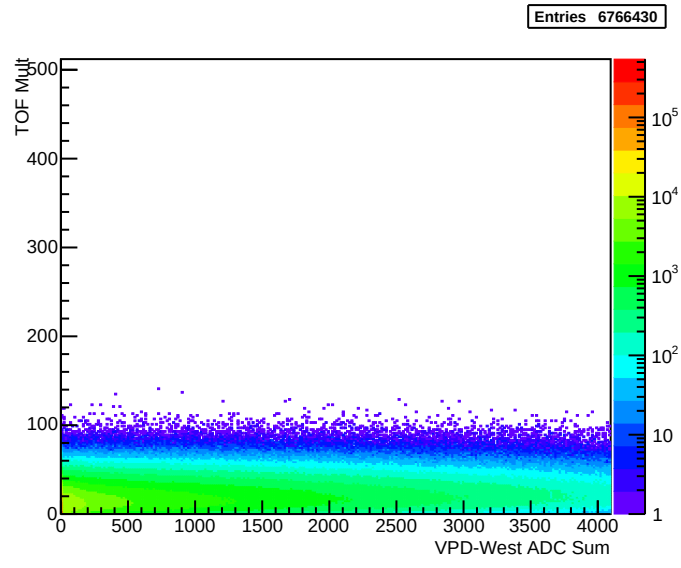
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

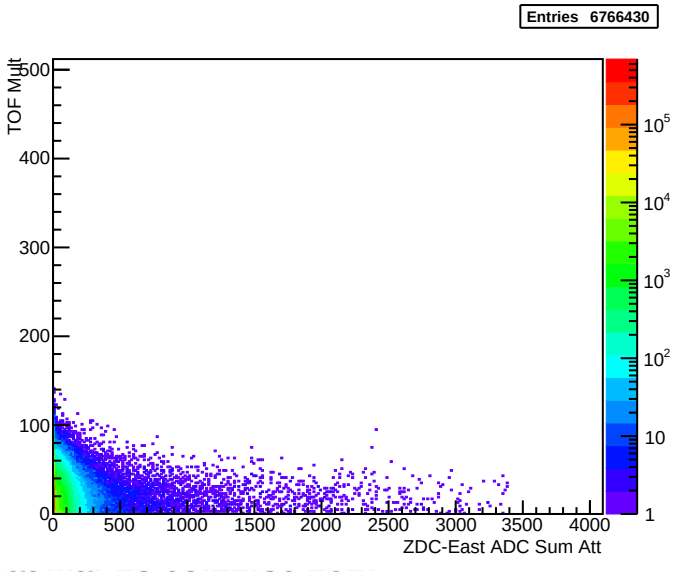


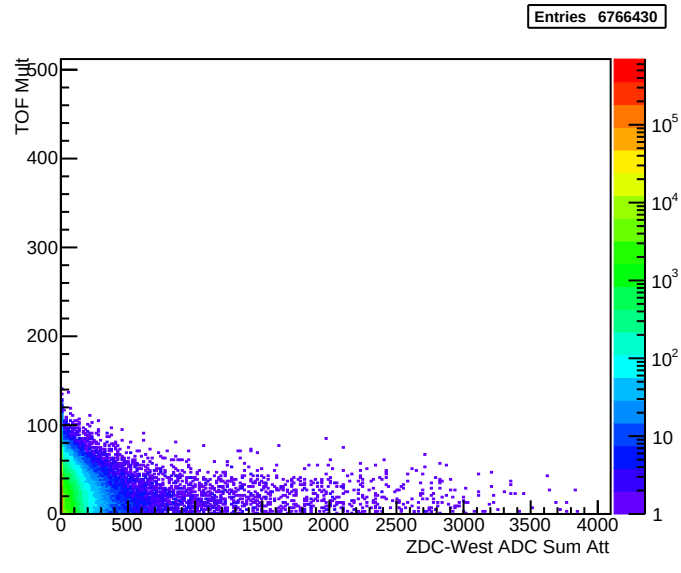

Entries 6766430
TOF Mult
BBC-S-East ADC Sum

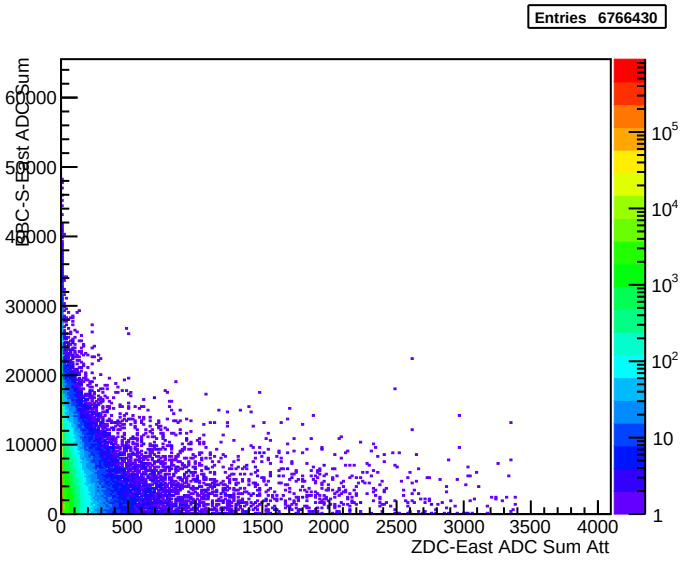

Entries 6766430
TOF Mult
BBC-S-West ADC Sum

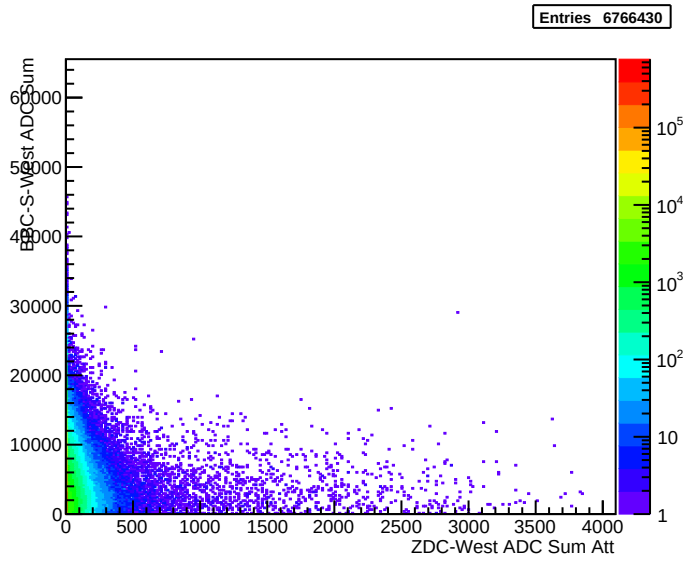

Entries 6766430
TOF Mult
VPD-East ADC Sum

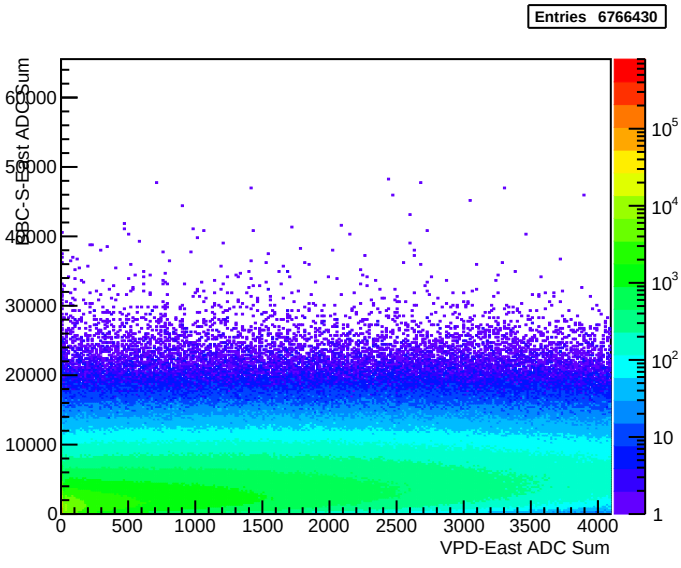

Entries 6766430
TOF Mult
VPD-West ADC Sum

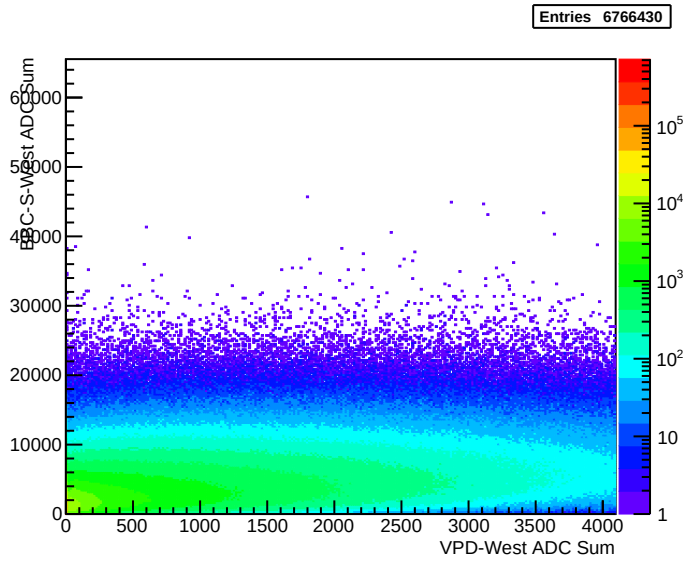

Entries 6766430
TOF Mult
ZDC-East ADC Sum Att

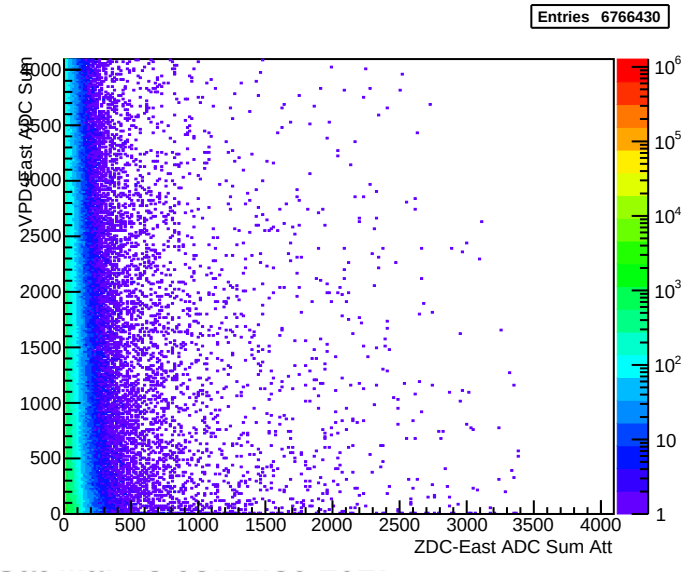

Entries 6766430
TOF Mult
ZDC-West ADC Sum Att

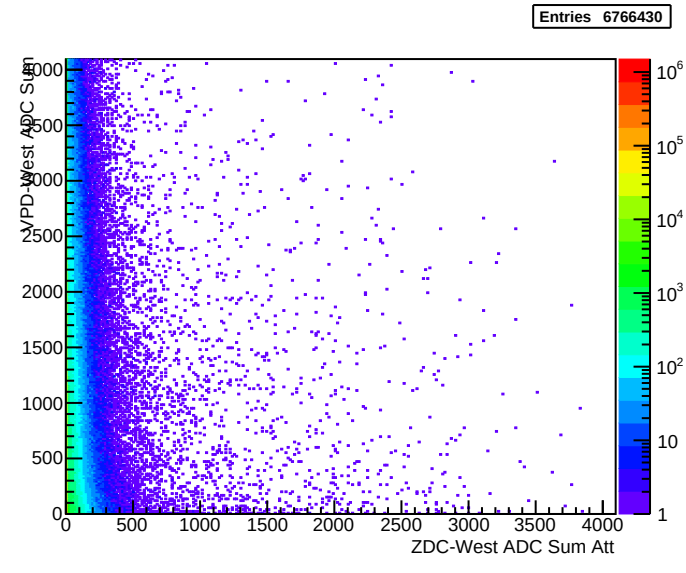

Entries 6766430
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

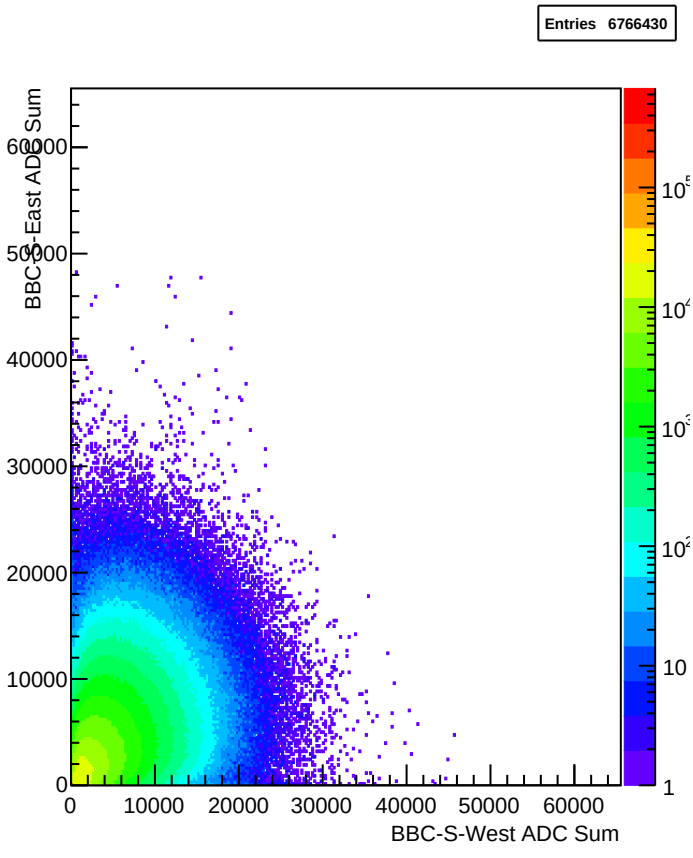

Entries 6766430
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

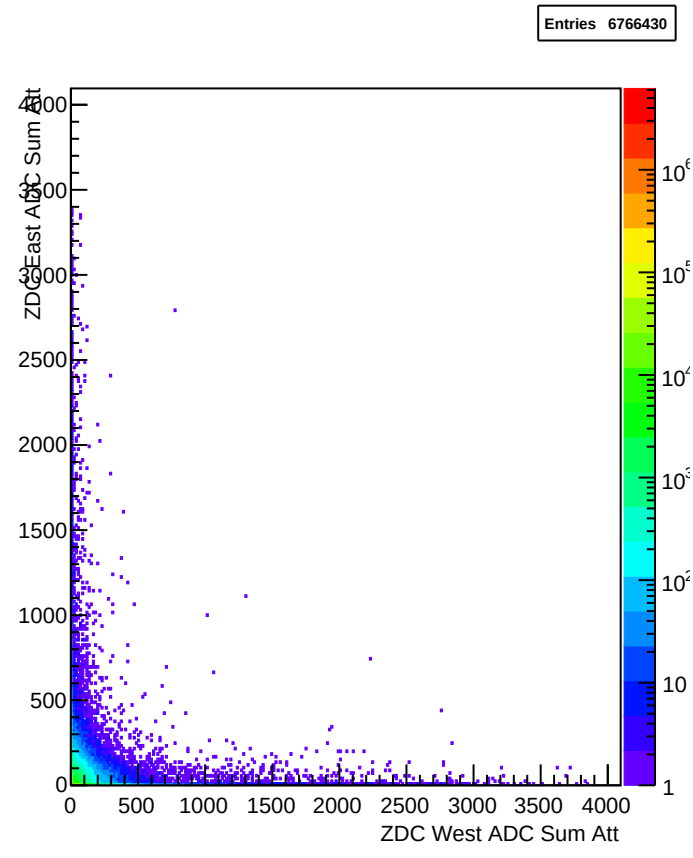

Entries 6766430
BBC-S-East ADC Sum
VPD-East ADC Sum

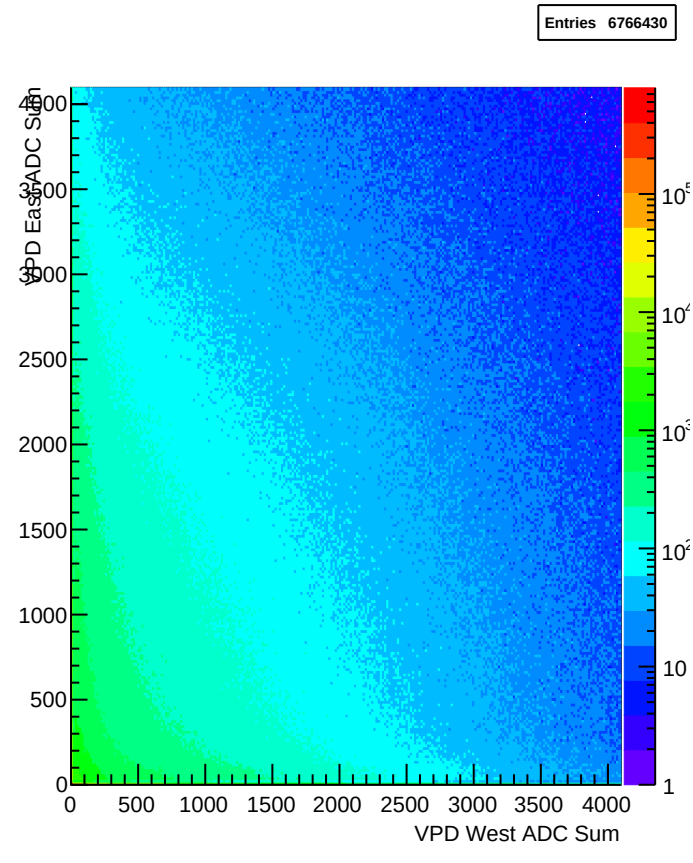

Entries 6766430
BBC-S-West ADC Sum
VPD-West ADC Sum

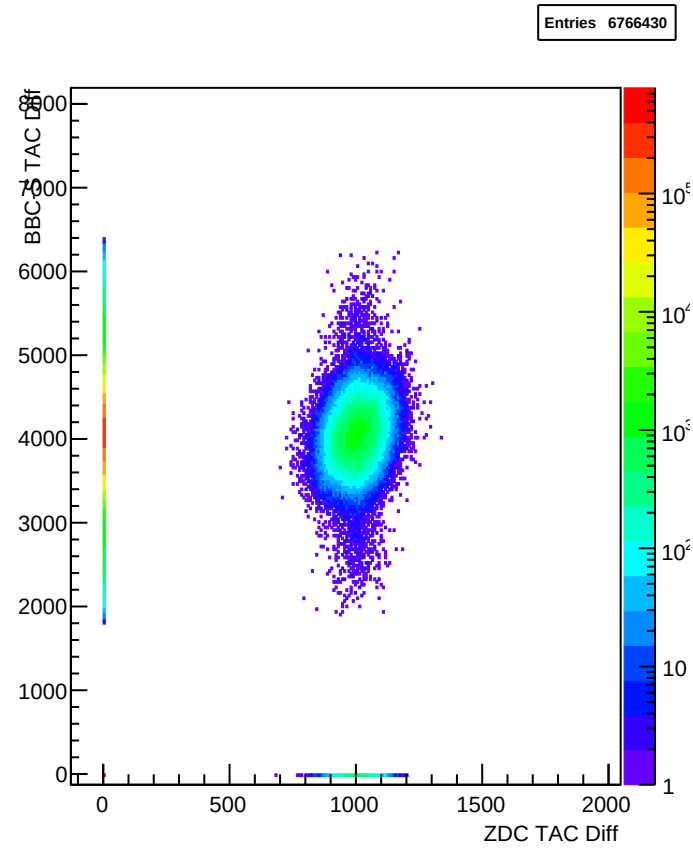

Entries 6766430
VPD-East ADC Sum
ZDC-East ADC Sum Att

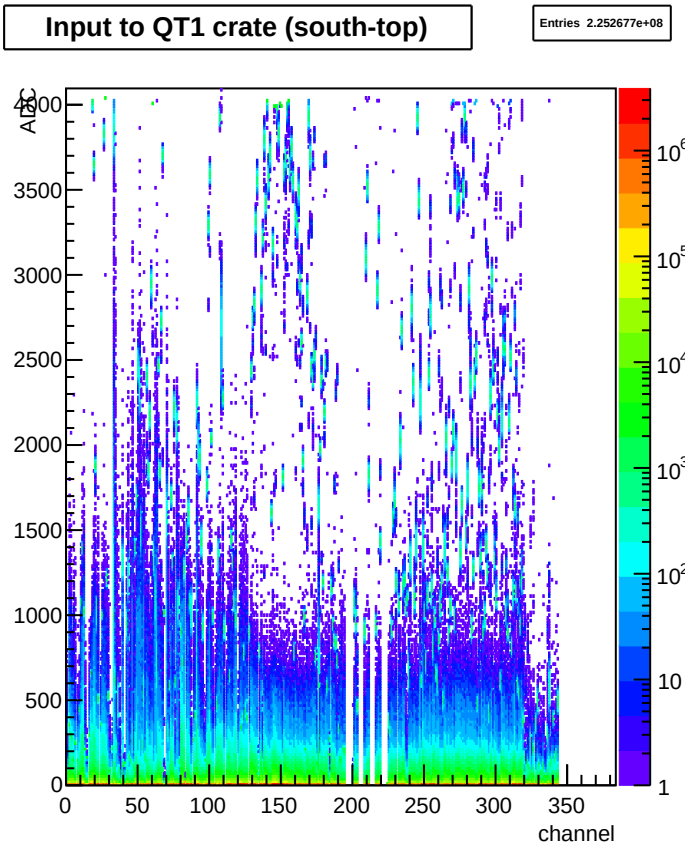

Entries 6766430
VPD-West ADC Sum
ZDC-West ADC Sum Att

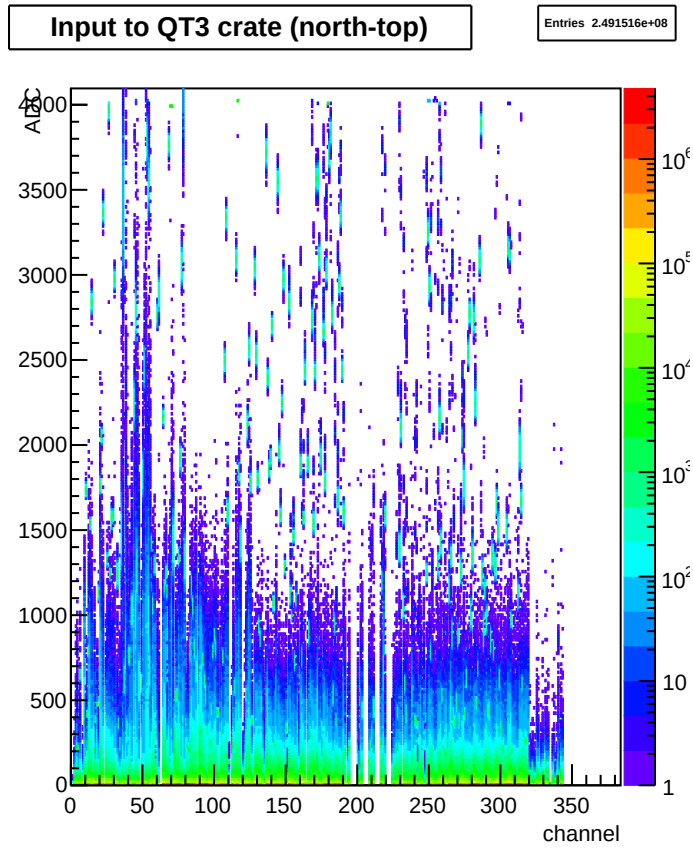

Entries 6766430
BBC-S-East ADC Sum
BBC-S-West ADC Sum

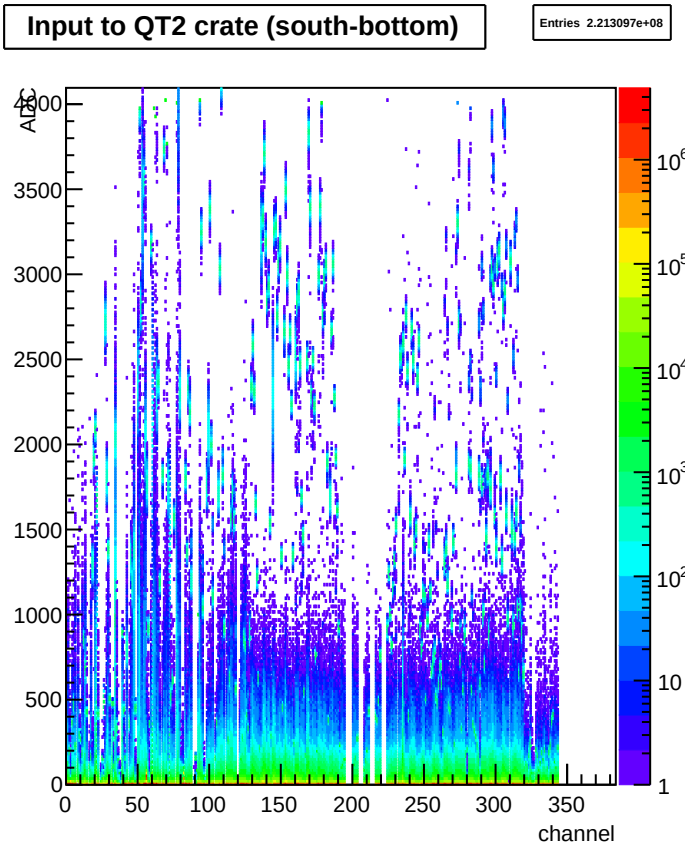

Entries 6766430
ZDC East ADC Sum Att
ZDC West ADC Sum Att

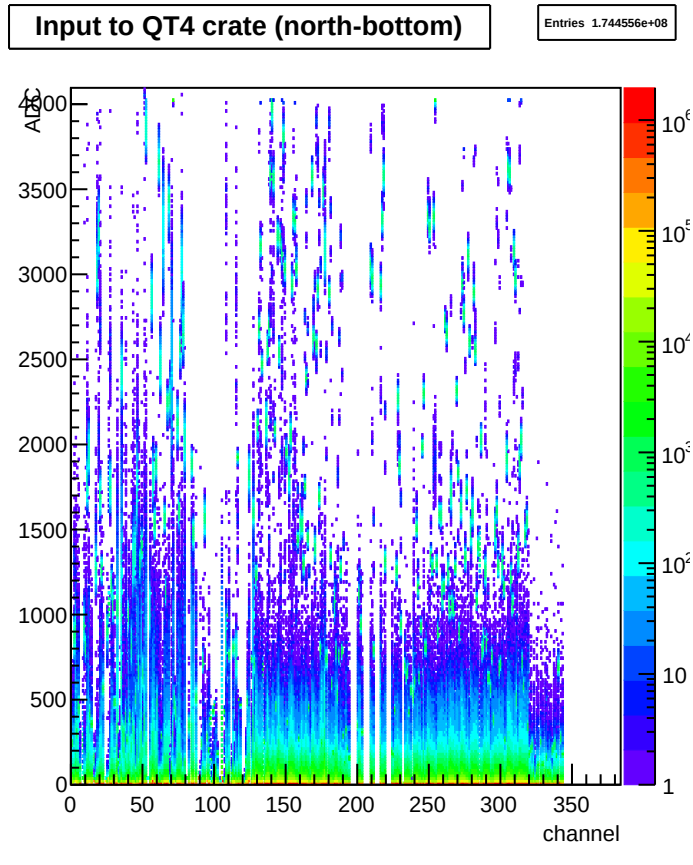

Entries 6766430
VPD East ADC Sum
VPD West ADC Sum

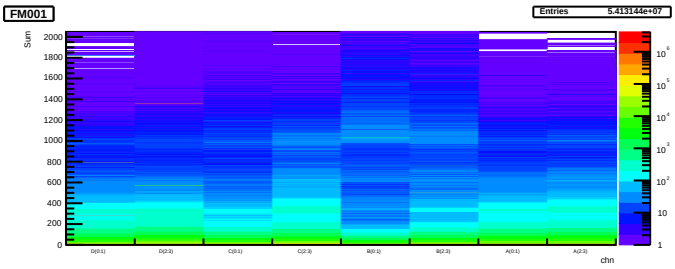

Entries 6766430
BBC-S TAC Diff
ZDC TAC Diff

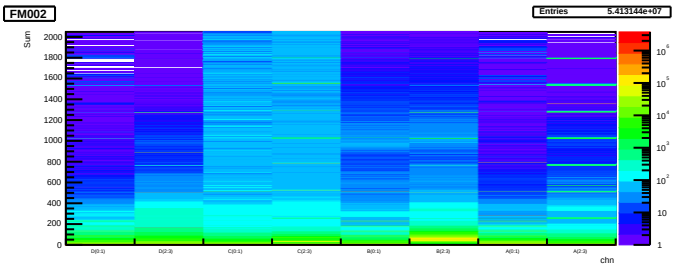

Input to QT1 crate (south-top)
Entries 2.252677e+08
ADC
channel

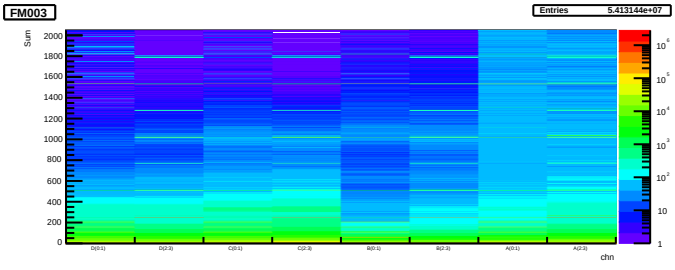

Input to QT3 crate (north-top)
Entries 2.491516e+08
ADC
channel

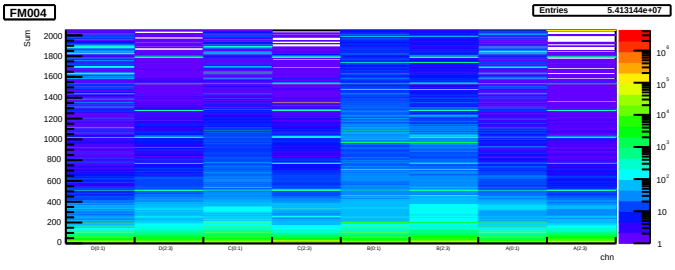

Input to QT2 crate (south-bottom)
Entries 2.213097e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.744556e+08
ADC
channel


FM001
Entries 5.413144e+07
Sum
chn


FM002
Entries 5.413144e+07
Sum
chn


FM003
Entries 5.413144e+07
Sum
chn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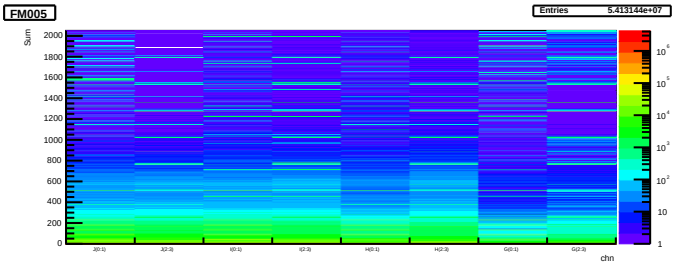
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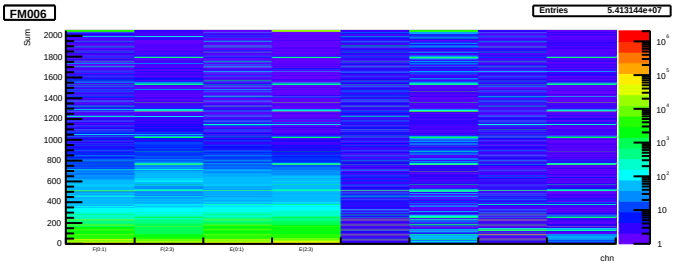
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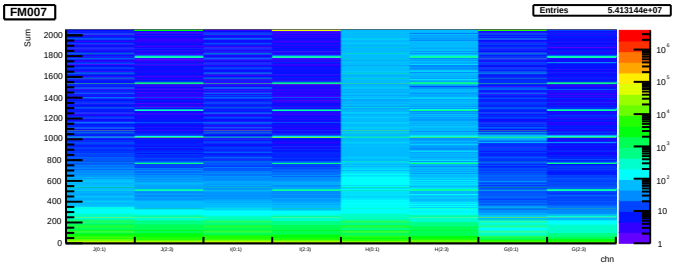
FM007
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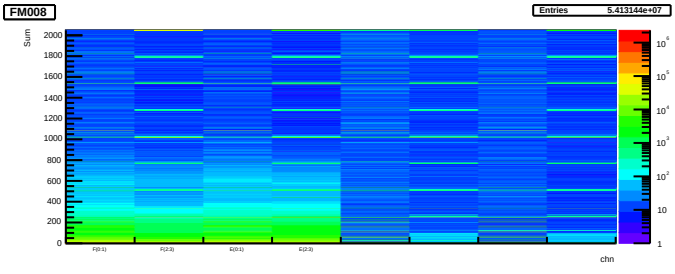
FM008
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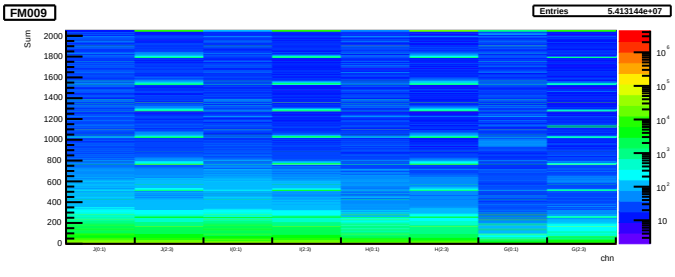
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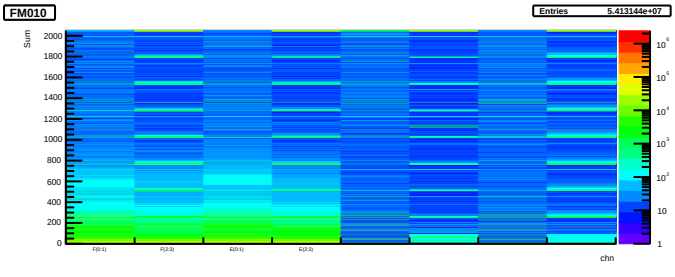
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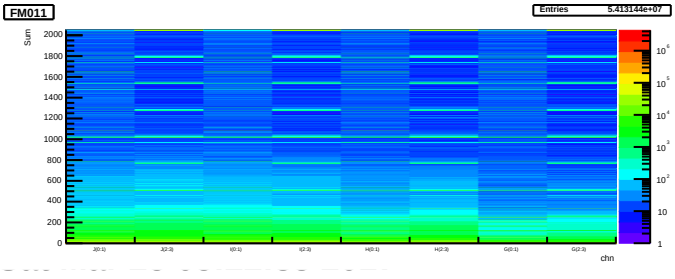
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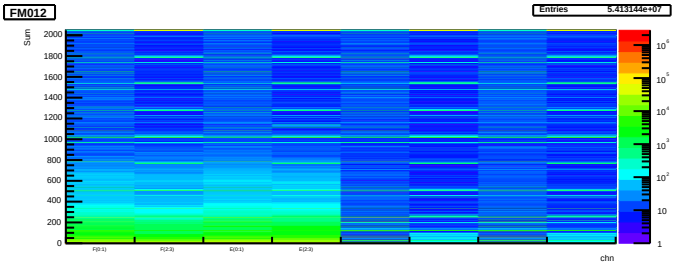
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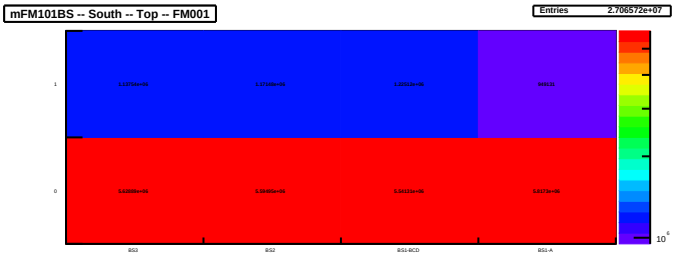
mFM101BS -- South -- Top -- FM001
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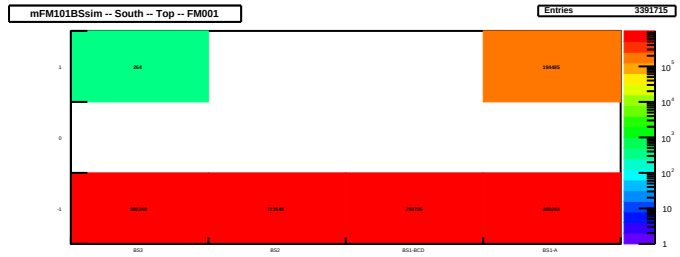
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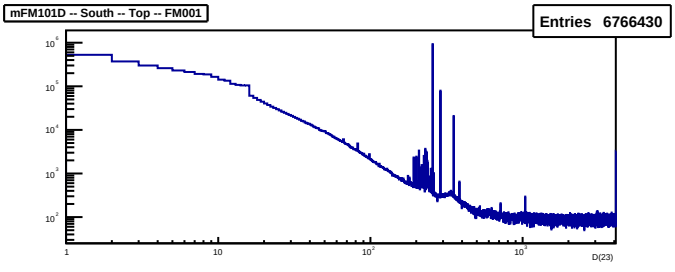
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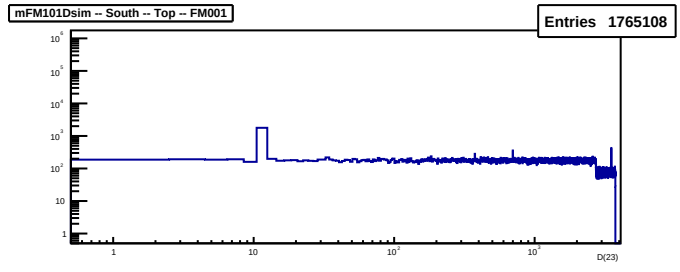
Entries 6766430
D(23)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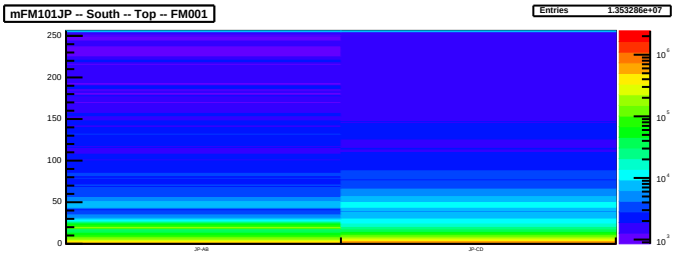
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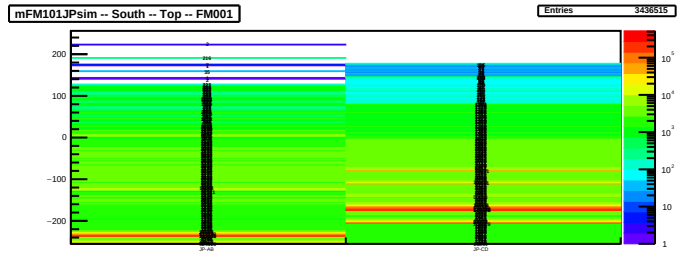
Entries 1.353286e+07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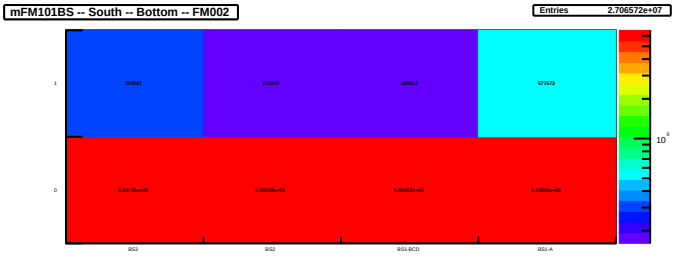
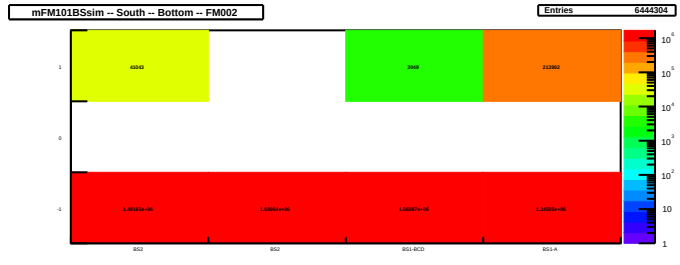

mFM101BS -- South -- Bottom -- FM002
Entries 2.706572e+07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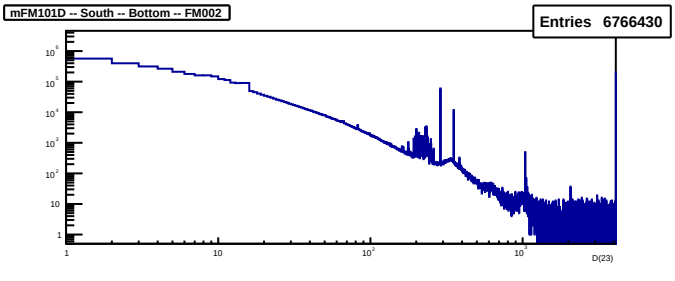
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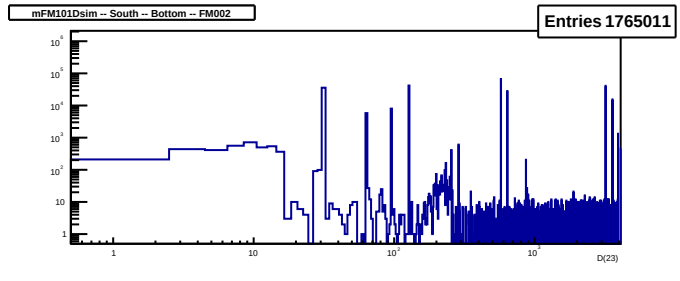
Entries 6766430
D(23)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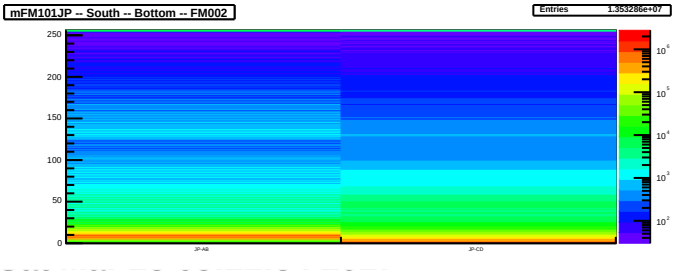
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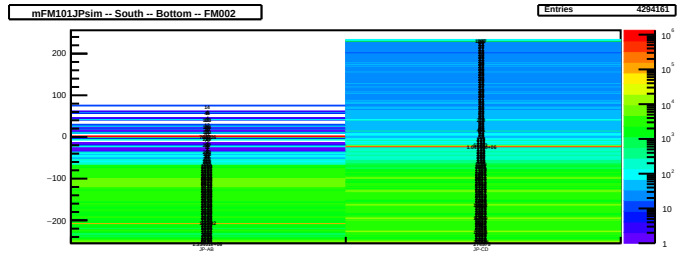
Entries 1.353286e+07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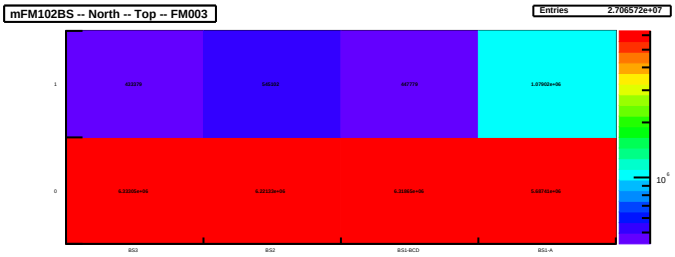
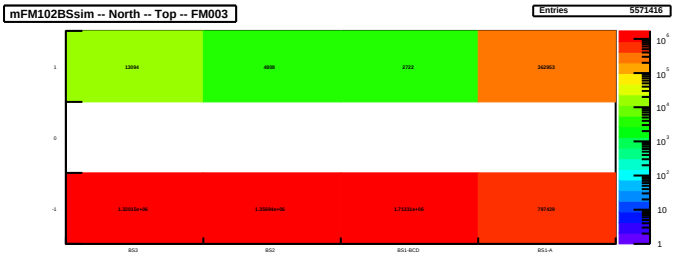

mFM102BS -- North -- Top -- FM003
Entries 2.706572e+07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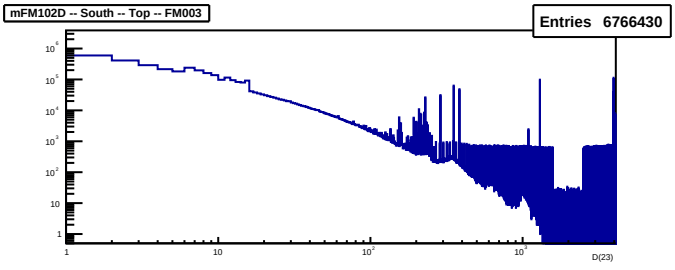
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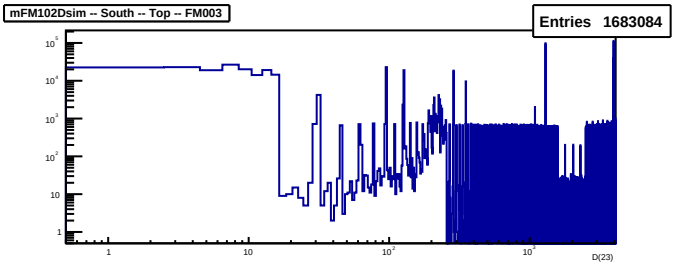
Entries 6766430
D(23)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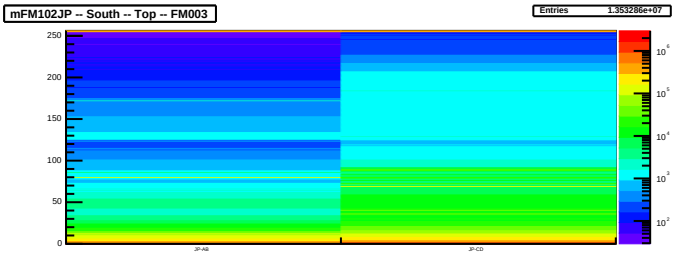
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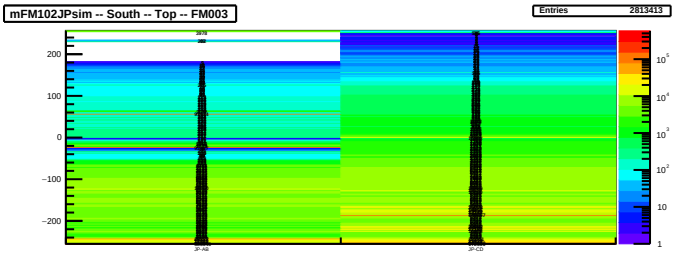
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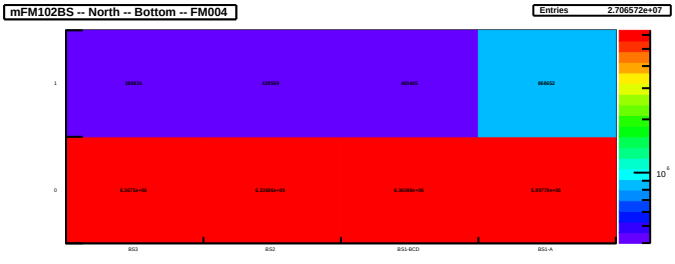
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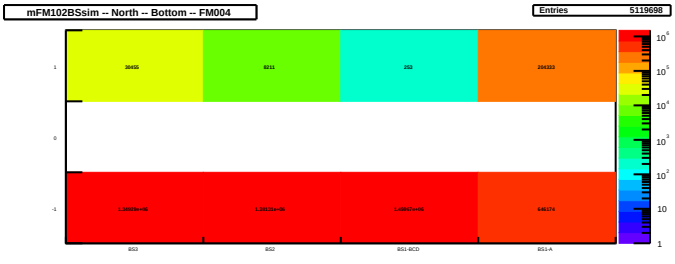
Entries 2.706572e+07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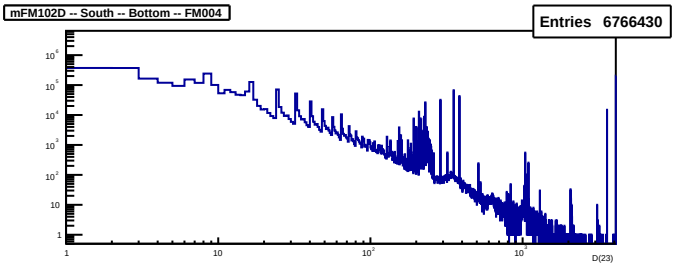
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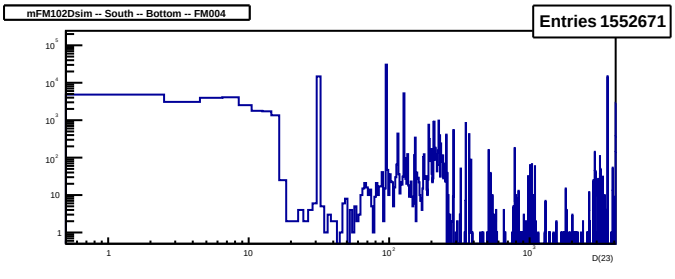
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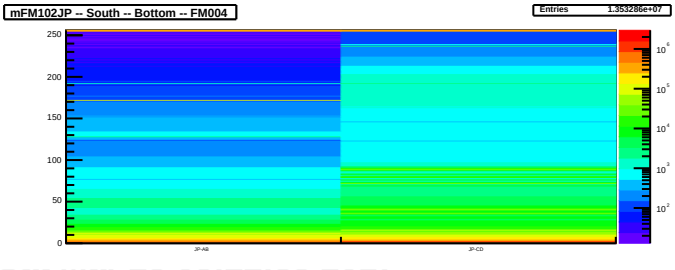
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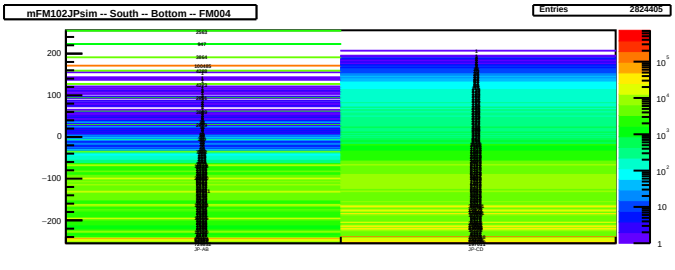
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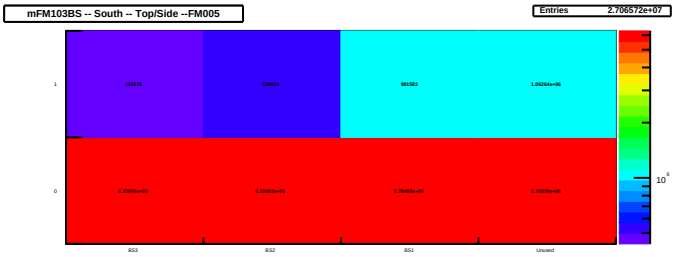
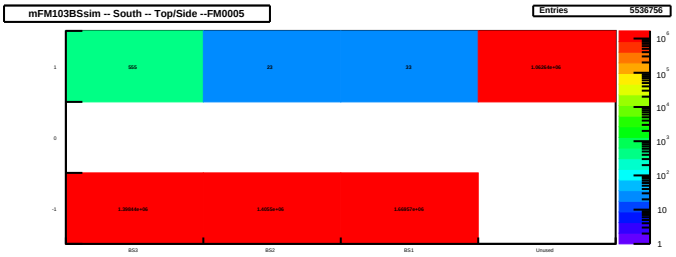

mFM103BS -- South -- Top/Side --FM005
Entries 2.706572e+07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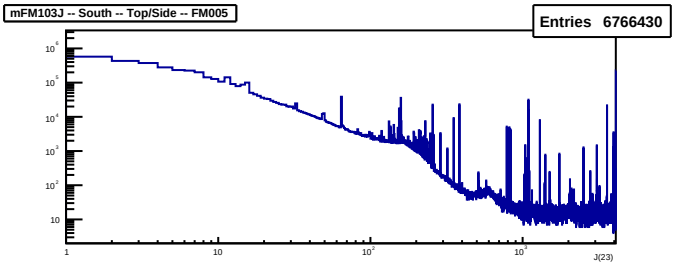
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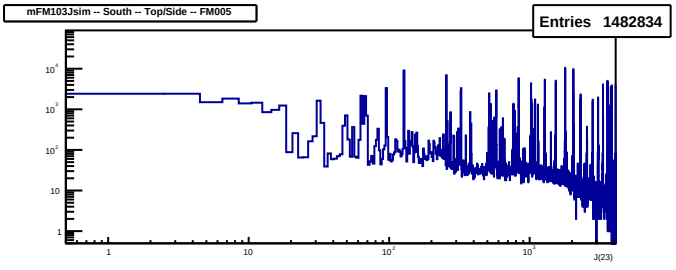
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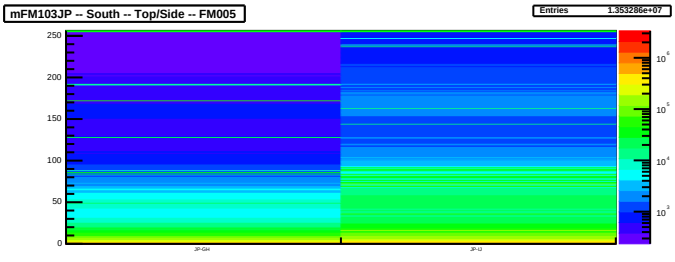
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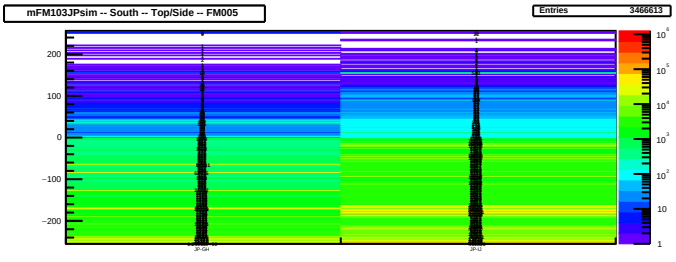
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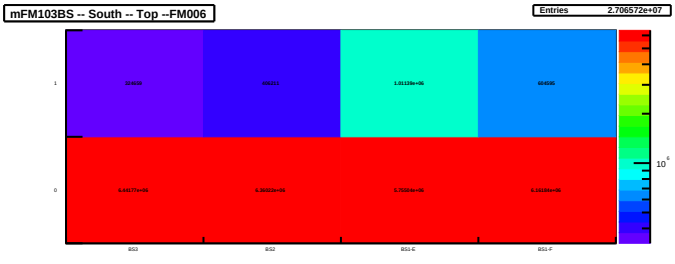
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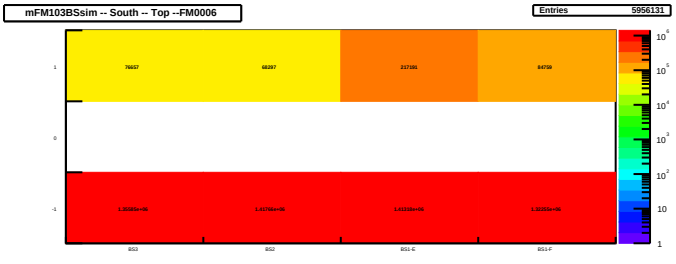
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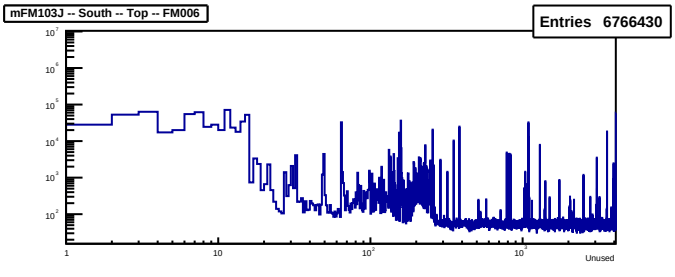
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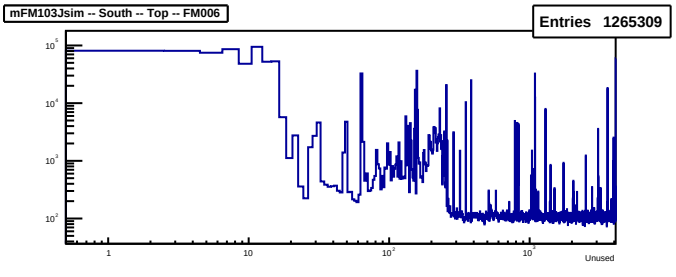
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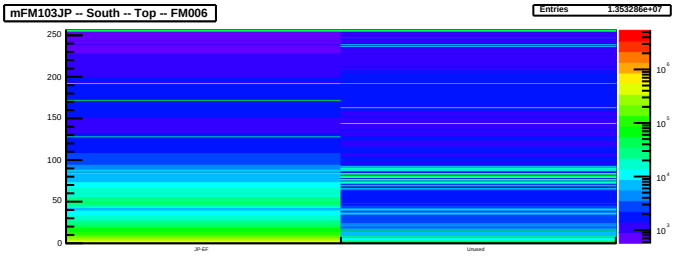
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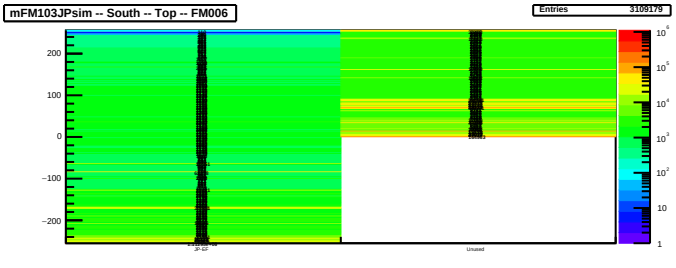
Entries 1.353286e+07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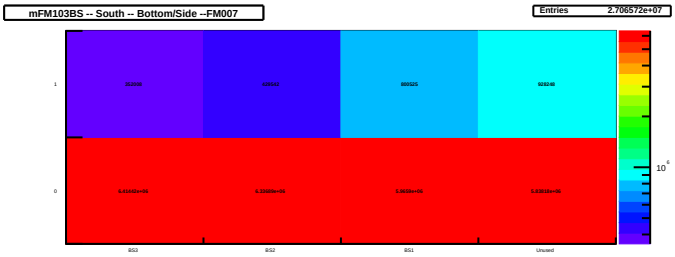
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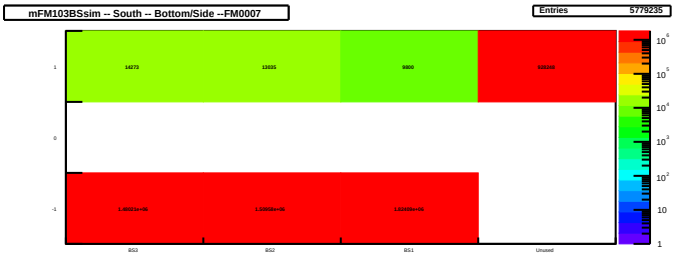
Entries 2.706572e+07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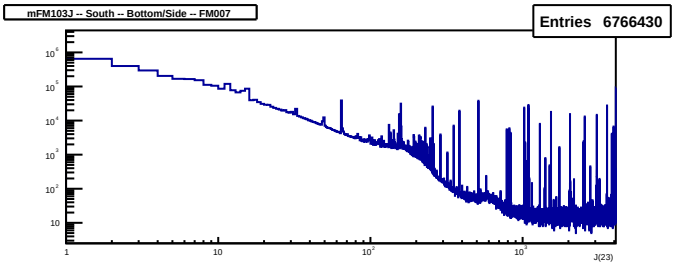
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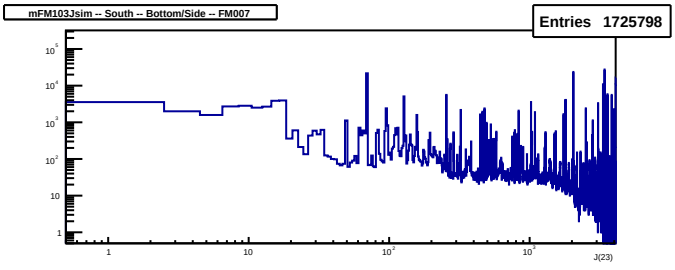
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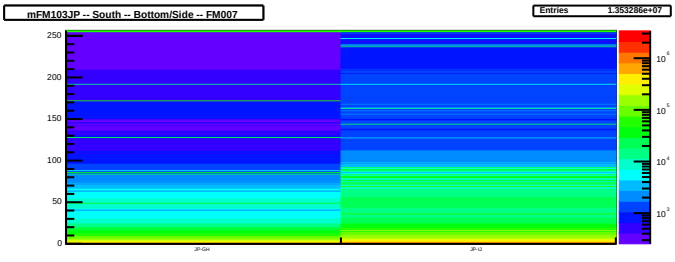
J(23)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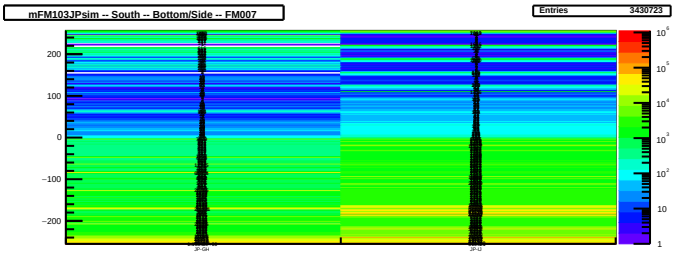
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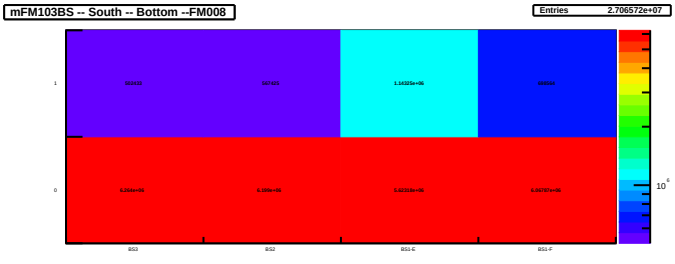
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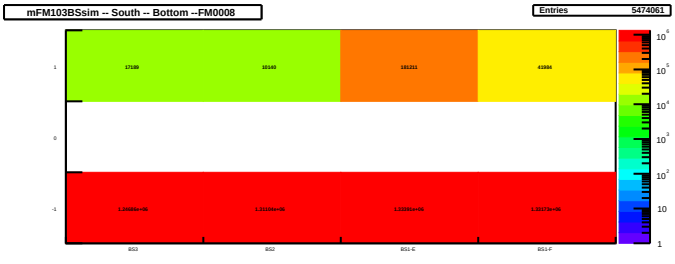
Entries 2.706572e+07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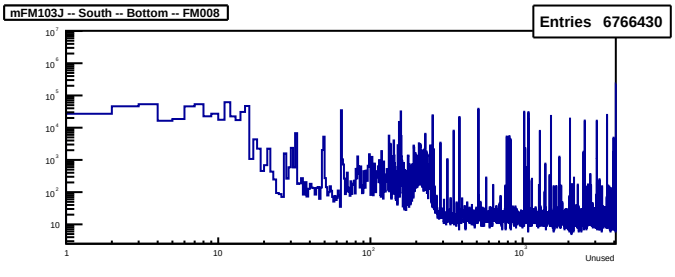
mFM103J -- South -- Bottom -- FM008
Entries 6766430
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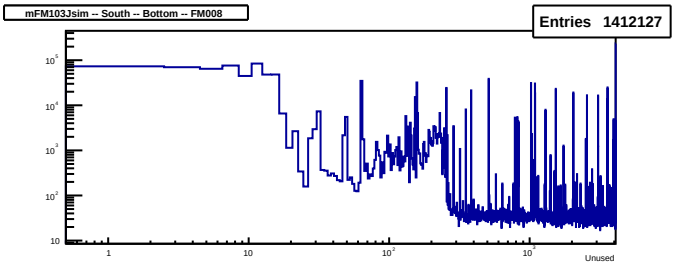
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Entries 1412127
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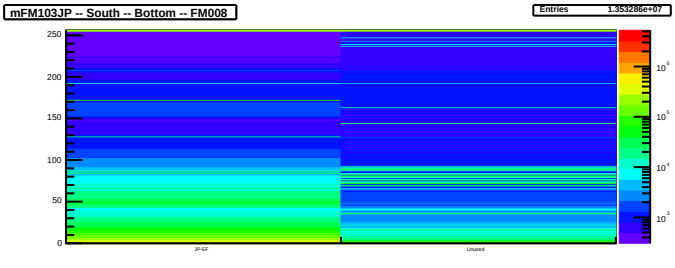
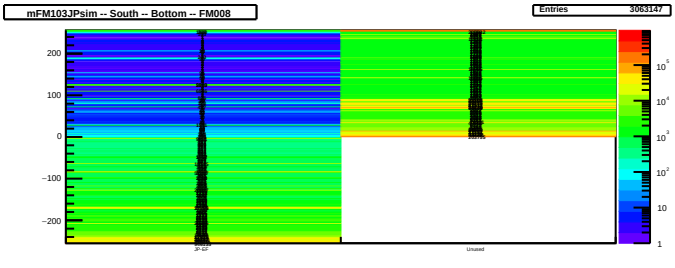
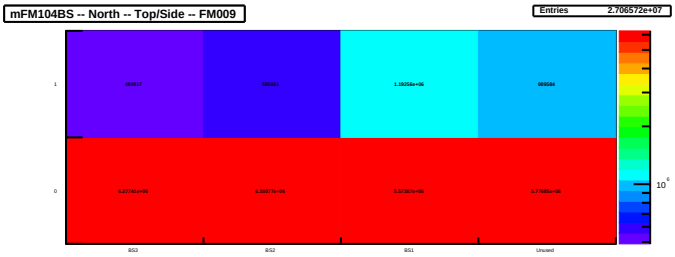
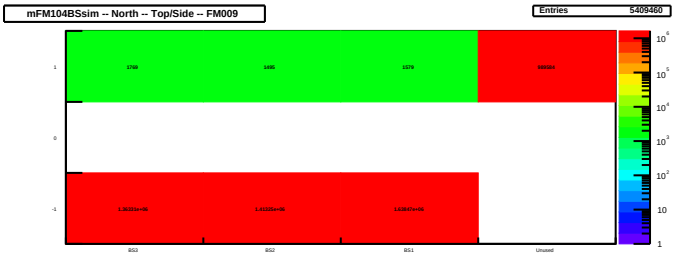

mFM103JP -- South -- Bottom -- FM008
Entries 1.353286e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3063147


mFM104BS -- North -- Top/Side -- FM009
Entries 2.706572e+07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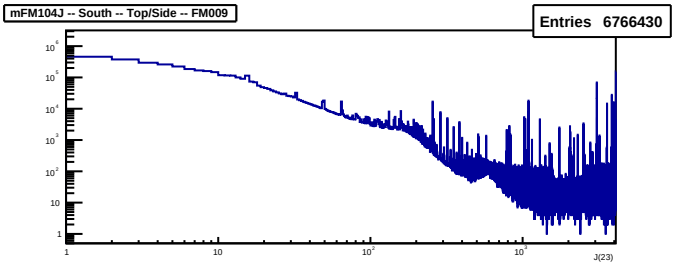
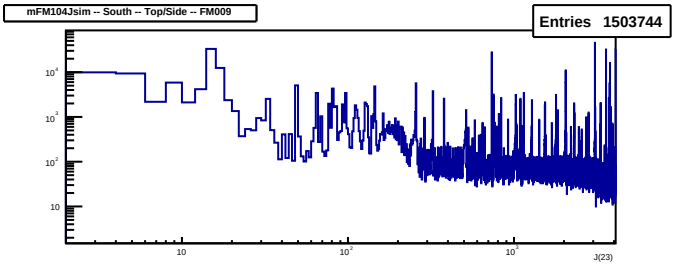
Entries 5409460


mFM104J -- South -- Top/Side -- FM009
Entries 6766430
J(23)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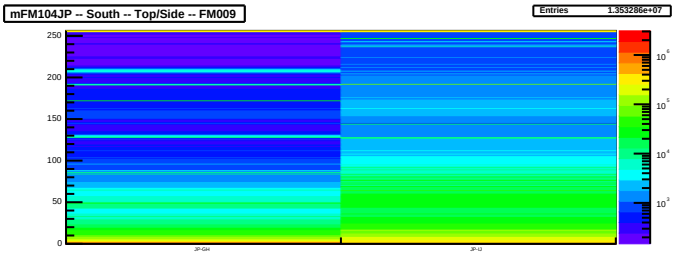
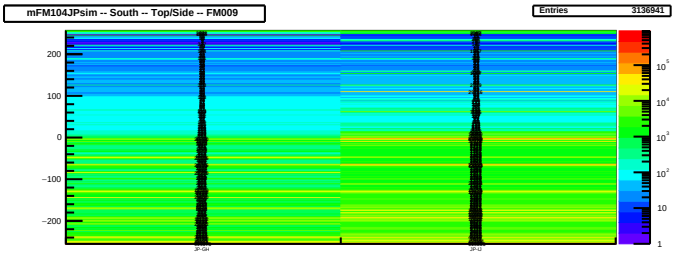
Entries 1503744
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.353286e+07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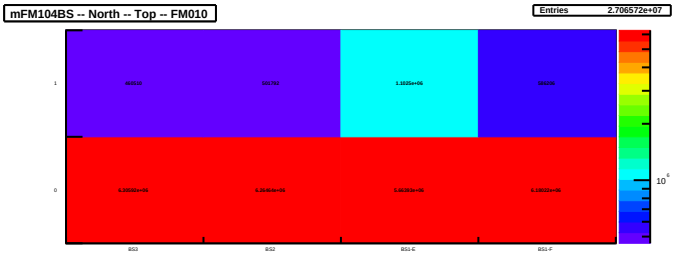
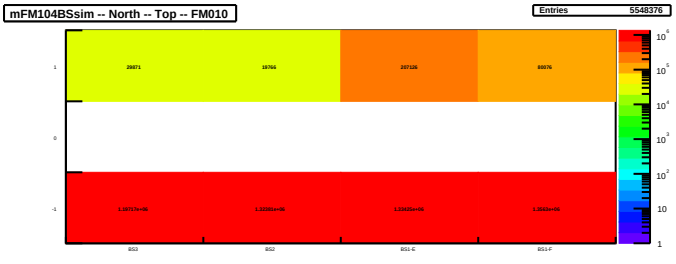
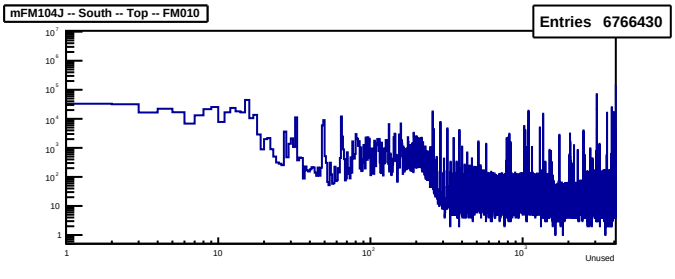
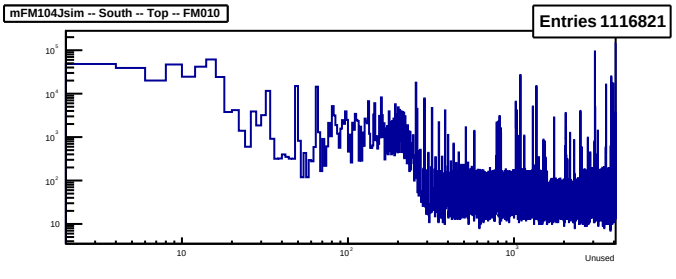
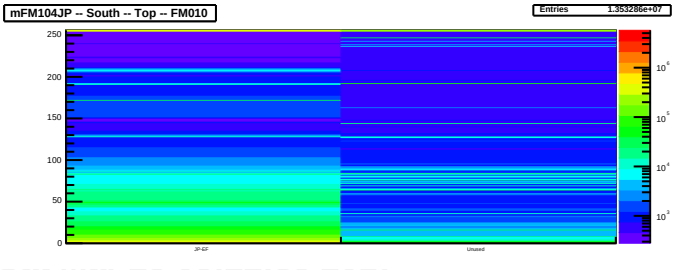
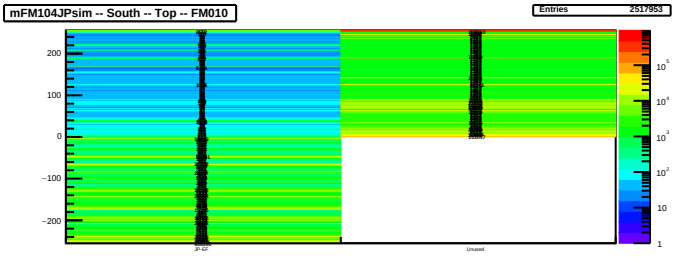

mFM104BS -- North -- Top -- FM010
Entries 2.706572e+07

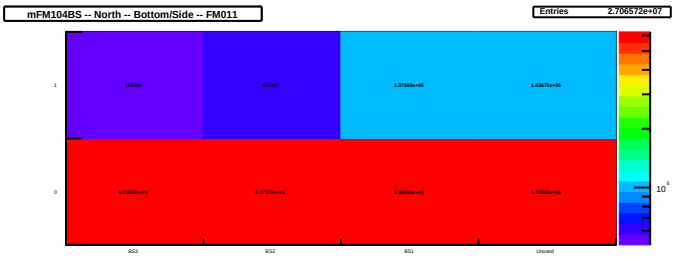

mFM104BSsim -- North -- Top -- FM010
Entries 5548376

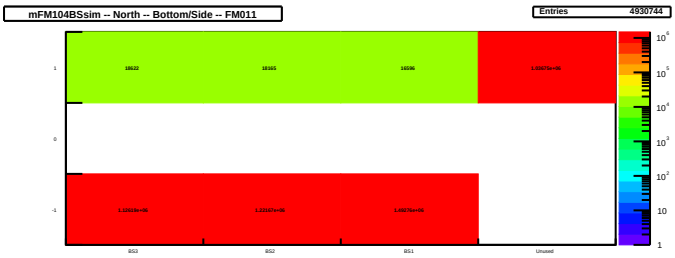

mFM104J -- South -- Top -- FM010
Entries 6766430
Unused

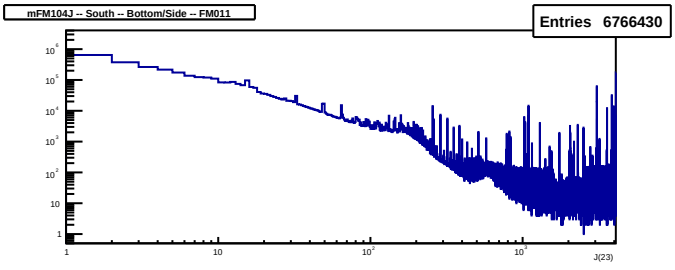

mFM104Jsim -- South -- Top -- FM010
Entries 1116821
Unused

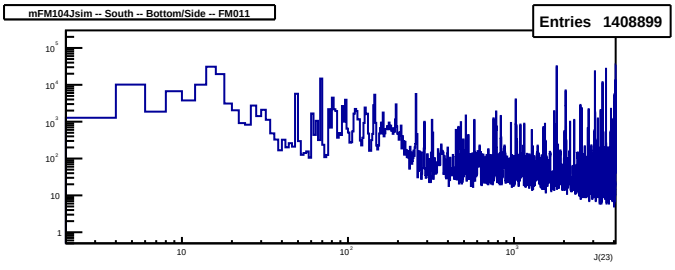

mFM104JP -- South -- Top -- FM010
Entries 1.353286e+07

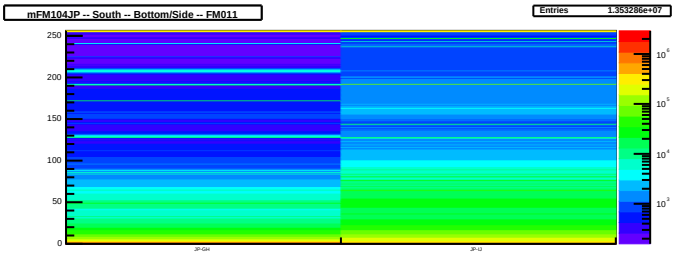

mFM104JPsim -- South -- Top -- FM010
Entries 2517953

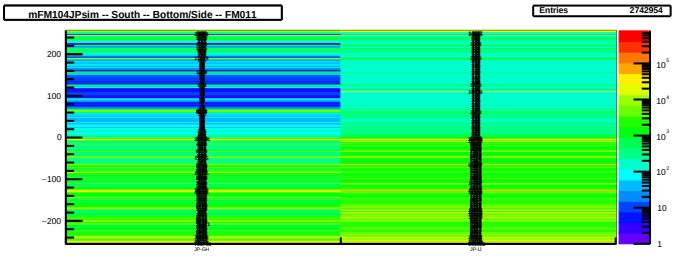

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.706572e+07

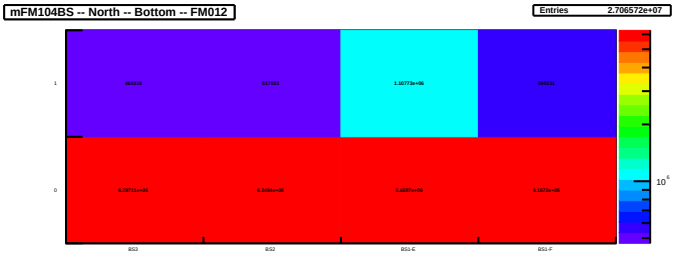

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4930744

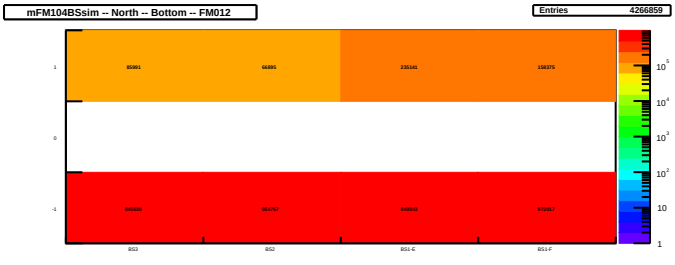

mFM104J -- South -- Bottom/Side -- FM011
Entries 6766430
J(23)

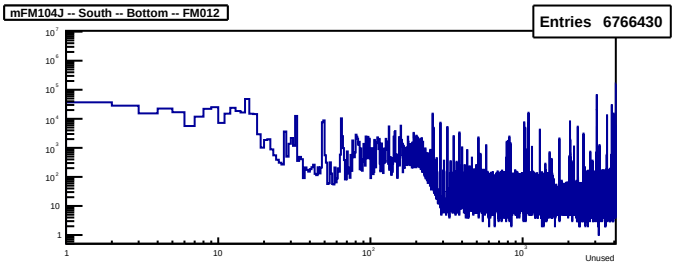

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1408899
J(23)

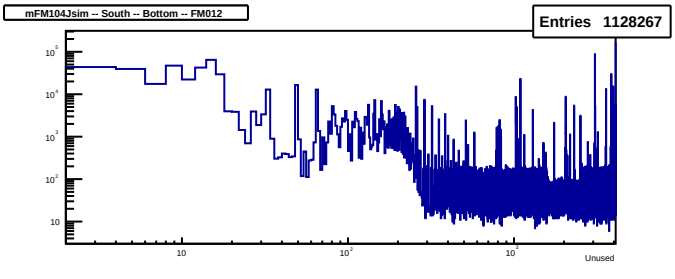

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.353286e+07

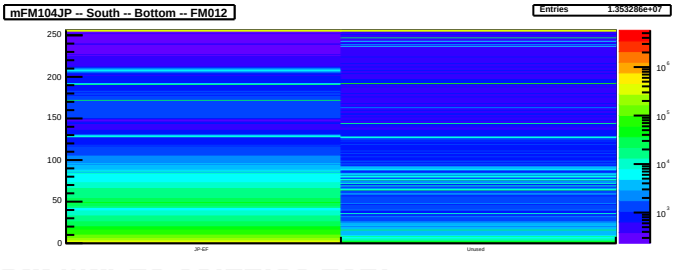

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2742954

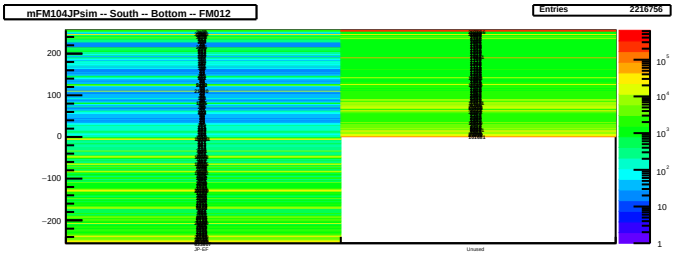

mFM104BS -- North -- Bottom -- FM012
Entries 2.706572e+07

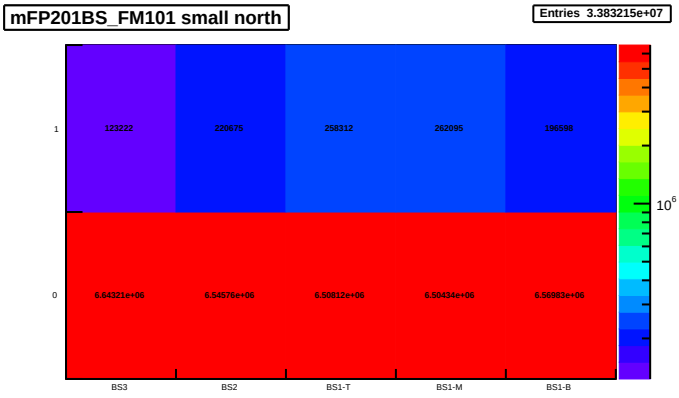

mFM104BSsim -- North -- Bottom -- FM012
Entries 4266859

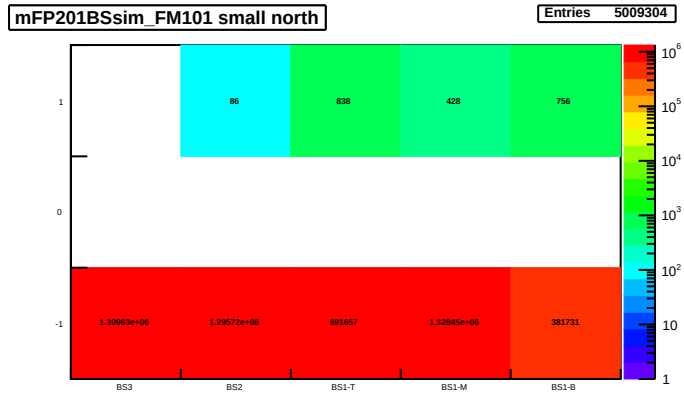

mFM104J -- South -- Bottom -- FM012
Entries 6766430
Unused

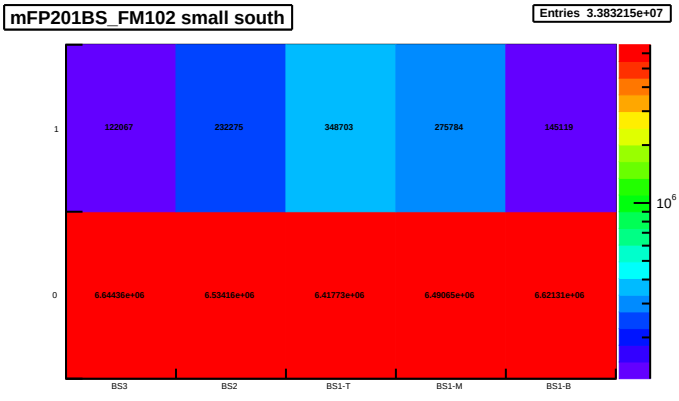

mFM104Jsim -- South -- Bottom -- FM012
Entries 1128267
Unused

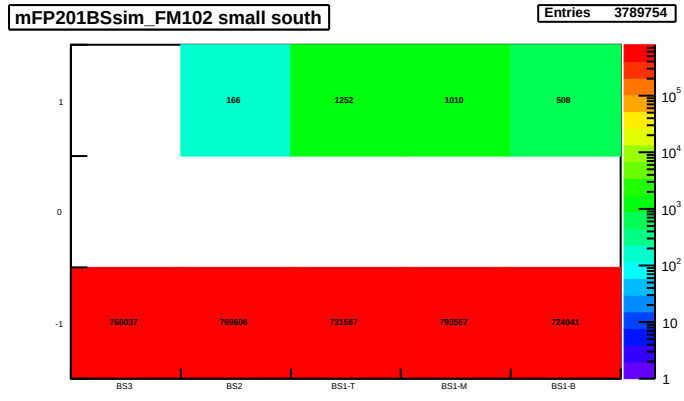

mFM104JP -- South -- Bottom -- FM012
Entries 1.353286e+07

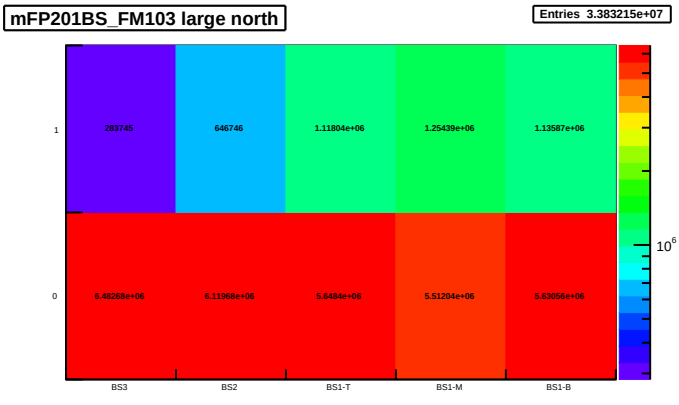

mFM104JPsim -- South -- Bottom -- FM012
Entries 2216756

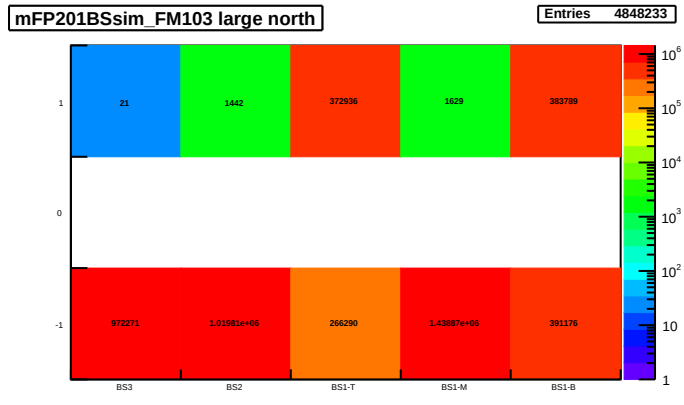

mFP201BS_FM101 small north
Entries 3.383215e+07
123222
220675
258312
262095
196598
6.64321e+06
6.54576e+06
6.50812e+06
6.50434e+06
6.56983e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

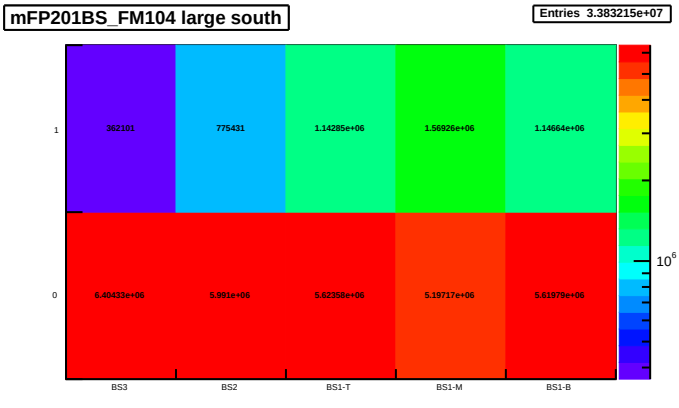

mFP201BSsim_FM101 small north
Entries 5009304
86
838
428
756
1.30963e+06
1.29572e+06
691657
1.32845e+06
381731
BS3
BS2
BS1-T
BS1-M
BS1-B

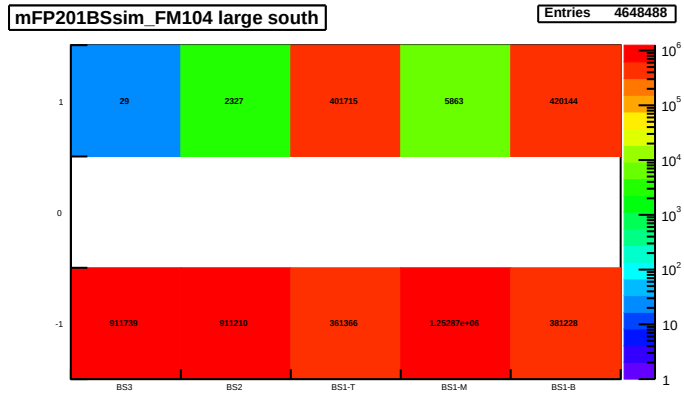

mFP201BS_FM102 small south
Entries 3.383215e+07
122067
232275
348703
275784
145119
6.64436e+06
6.53416e+06
6.41773e+06
6.49065e+06
6.62131e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

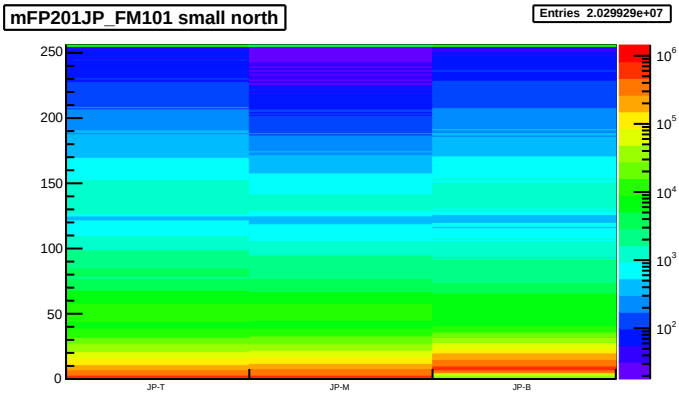

mFP201BSsim_FM102 small south
Entries 3789754
166
1252
1010
508
768037
769606
731567
793567
724041
BS3
BS2
BS1-T
BS1-M
BS1-B

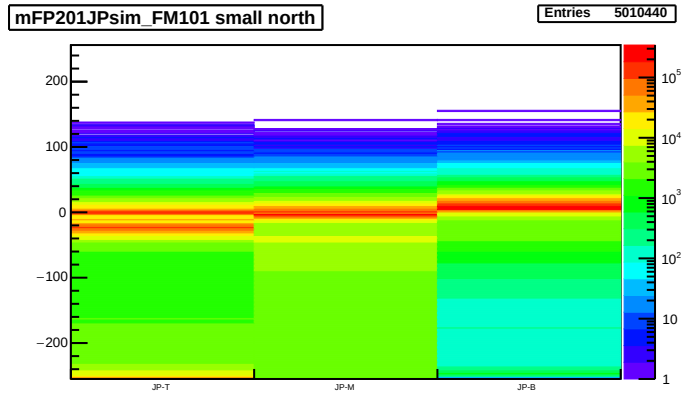

mFP201BS_FM103 large north
Entries 3.383215e+07
283745
646746
1.11804e+06
1.25439e+06
1.13587e+06
6.48268e+06
6.11968e+06
5.6484e+06
5.51204e+06
5.63056e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

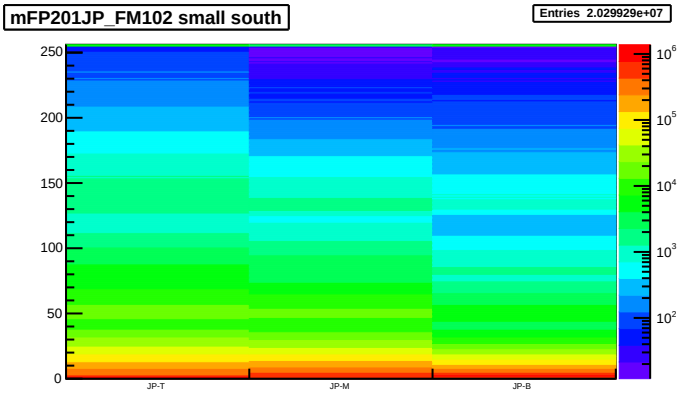

mFP201BSsim_FM103 large north
Entries 4848233
21
1442
372936
1629
383789
972271
1.01981e+06
266290
1.43887e+06
391176
BS3
BS2
BS1-T
BS1-M
BS1-B

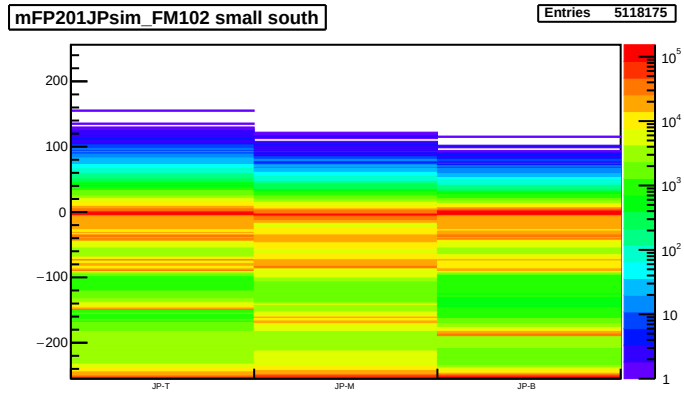

mFP201BS_FM104 large south
Entries 3.383215e+07
362101
775431
1.14285e+06
1.56926e+06
1.14664e+06
6.40433e+06
5.991e+06
5.62358e+06
5.19717e+06
5.61979e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

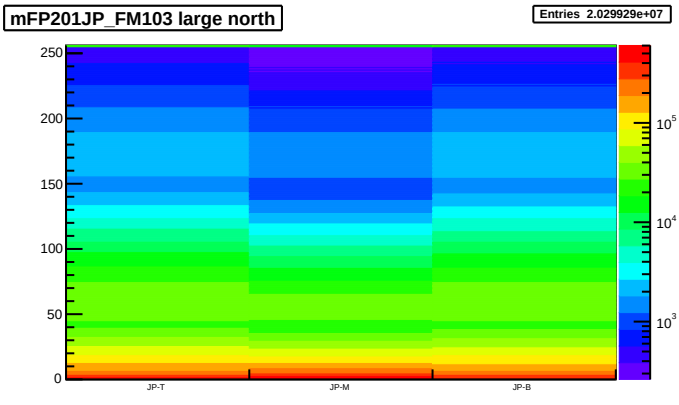

mFP201BSsim_FM104 large south
Entries 4648488
29
2327
401715
5863
420144
911739
911210
361366
1.25287e+06
381228
BS3
BS2
BS1-T
BS1-M
BS1-B

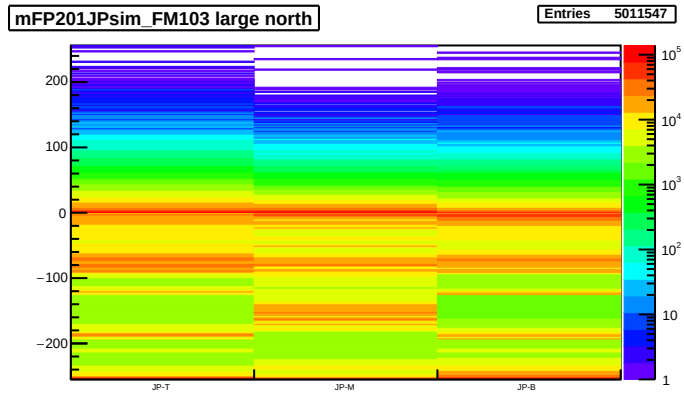

mFP201JP_FM101 small north
Entries 2.029929e+07
JP-T
JP-M
JP-B

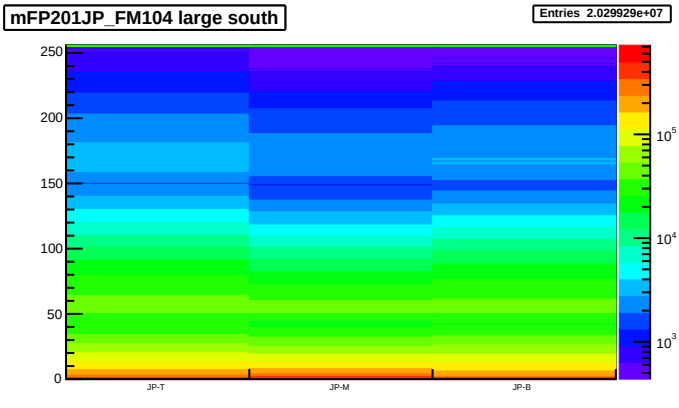

mFP201JPsim_FM101 small north
Entries 5010440
JP-T
JP-M
JP-B

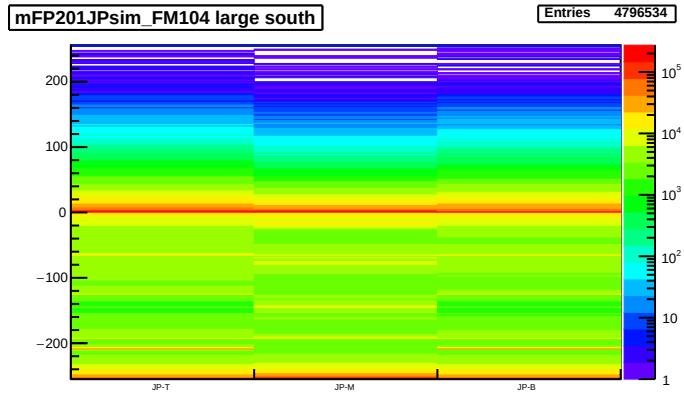

mFP201JP_FM102 small south
Entries 2.029929e+07
JP-T
JP-M
JP-B

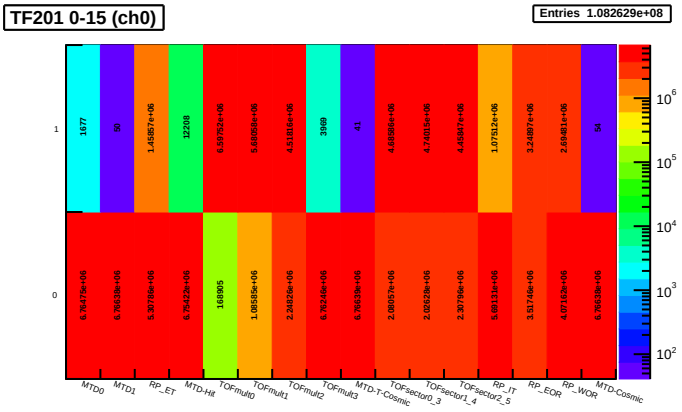

mFP201JPsim_FM102 small south
Entries 5118175
JP-T
JP-M
JP-B

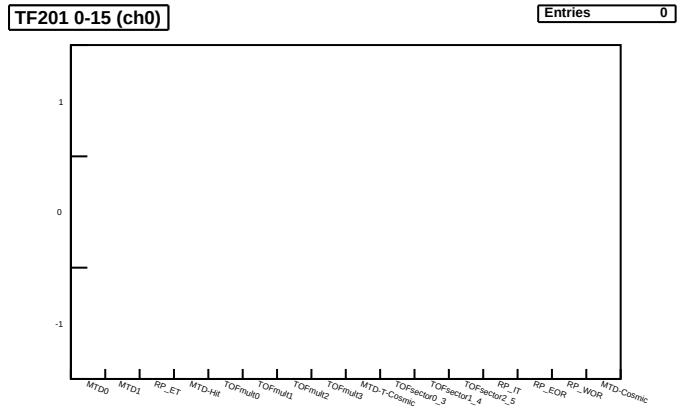

mFP201JP_FM103 large north
Entries 2.029929e+07
JP-T
JP-M
JP-B

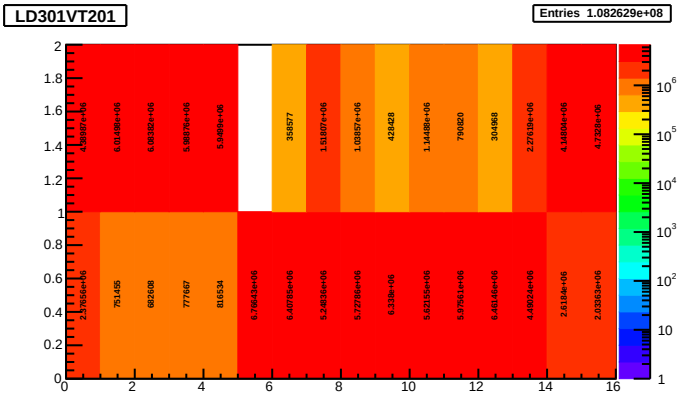

mFP201JPsim_FM103 large north
Entries 5011547
JP-T
JP-M
JP-B

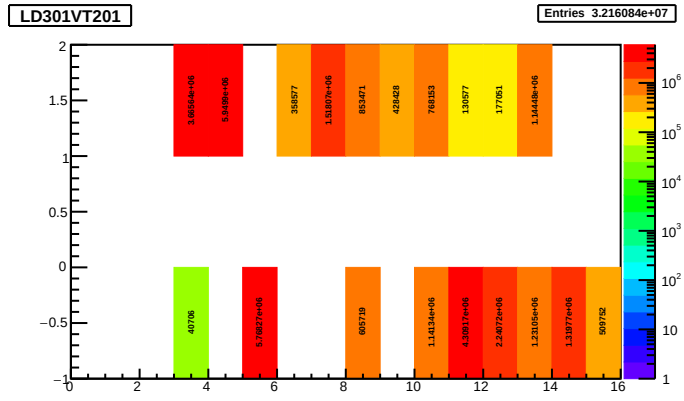

mFP201JP_FM104 large south
Entries 2.029929e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4796534
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.082629e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 1.082629e+08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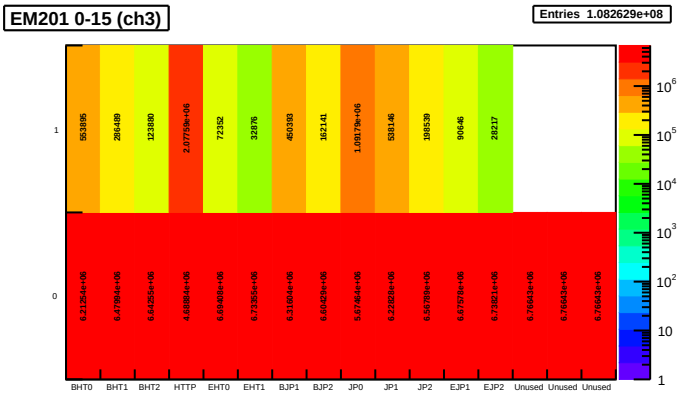
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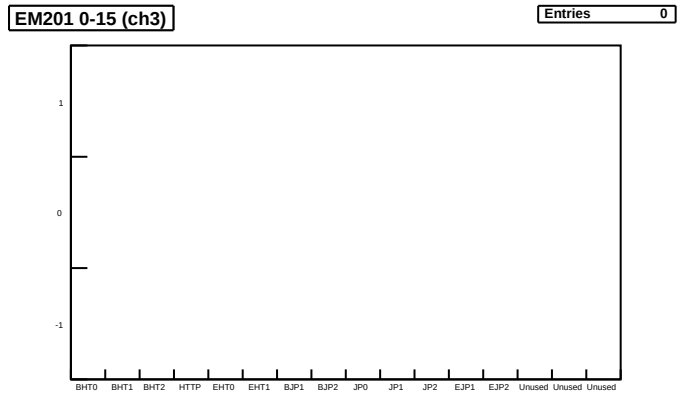
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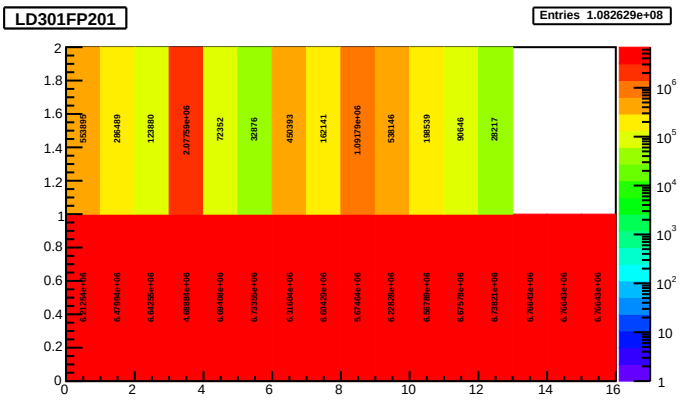
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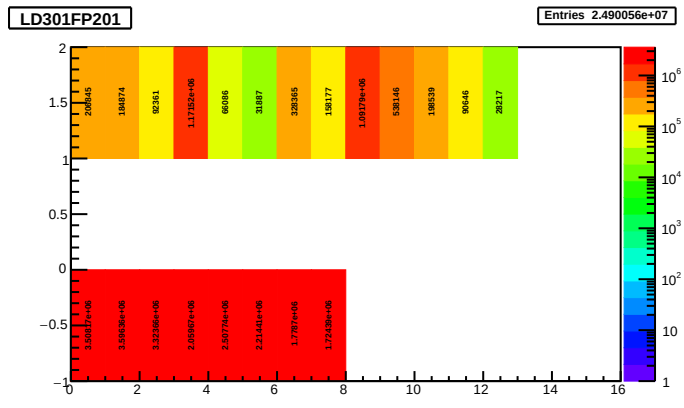
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